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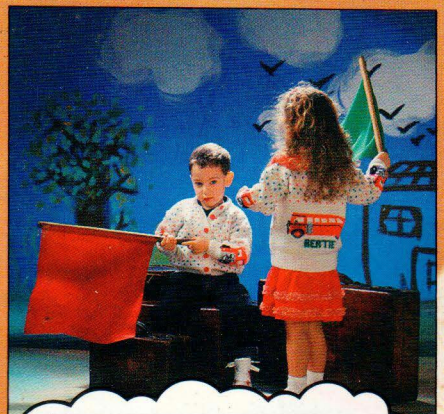

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Dear Readers

The March winds may blow but, thanks to our hobby, we'll not be feeling them too much, will we? This issue will keep you busy with two Fair Isle designs in pure wool and one in mercerised cotton for the first few warmer days of Spring.

Spend a little extra time working some of our hand tooled techniques for a special garment. If you have never tried knitting cables before, practice on a small sample first and then keep the transfer tools working to create the lovely cable tunic by Gail Miller – my daughter is going to be nagging me to knit one for her! While you are in the swing of hand tooling why not knit the cardigan with hand transfer lace and cable panels? We have not forgotten that chunky knitters like hand tooling too – you can knit a really rugged looking sweater for the man in your life, lovingly reversing the stitches to create the garter stitch motifs.

Many of us have little ones to knit for and I am sure they will be thrilled with our Bertie design from the Thomas the Tank Engine series.

For me March is the end of the current exhibition season and, although I enjoy meeting so many knitters and sharing hints and tips with them, I am really looking forward to some time spent together with my knitting machines. Hopefully this year I will get my summer knitting done before December! I hope that you enjoy reading this issue.

Happy Knitting!

LETTERS, HINTS, TIPS & HELPLINE

Hazel Ratcliffe is Editor of our Letters Page and our Helpline feature. You can share your thoughts and ideas, hints and tips with her and she looks forward to hearing from old friends and new readers.

Knitline

We bring you the latest news of who's who and what's what from around the country.

A GREAT DAY OUT IN MANCHESTER

Looking for inspiration, new yarns, patterns, or just contact with other like minded knitters? Then visit the third **North West Knitting and Needlecraft Exhibition** which takes place from Thursday 24th to Sunday 27th February.

There will be over 170 exhibitors showing the very latest equipment and materials for hand and machine knitting, sewing and various other hand crafts. There are daily competitions, free draws and lots of bargains to be found.

Enjoy an excellent day out and return home, exhausted but full of ideas for the latest knitting project, with maybe a new gadget or two to help along the way!

See you there!

CONTEXT DISPLAY SYSTEM

Looking for an attractive way to display your knitwear at exhibitions, craft fairs, or knitwear parties? The **Context Display System** is a modular system developed by knitwear producers and used for displaying their own knitwear.

The system is manufactured in quality beech, which has been sealed and smoothly finished. It includes mannequins with moveable arms and a ladder system ideally suited to displaying a range of sweaters in a small area.

Prices start at £27.90 for a mannequin without arms and from £46.20 for a two-base, three-bar ladder display. Extra bases, posts and bars can be added as required, allowing you to gradually build a system as your business grows.

For a leaflet, prices or more details please write to Context Display Systems, P.O. Box 161, Fareham, Hampshire PO16 0XD.

KNITTING KITS IN FORSELL YARNS

You may have read about the latest patterns in the series by Carl Boyd. We have recently been informed that kits are available containing the pattern and all the contrast yarns in the quantity required. This means you need only purchase the main colour on cone and will not be left with part cones of colours which are always 'not quite right' for the next garment!

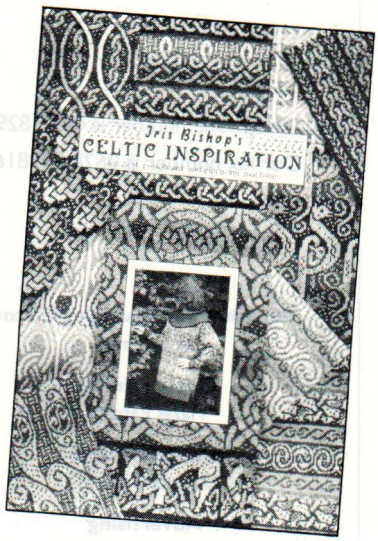
The kit for pattern 25 costs £8.95, for pattern 26, £6.95 and for pattern 31, £14.95.

Make your cheques payable to Carl Boyd and send to Carl at 1 Coulsons Place, Penzance, Cornwall TR18 4DY.

CELTIC INSPIRATION

The latest book from **Iris Bishop, Celtic Inspiration,** is full of lovely Celtic stitch patterns for 24 stitch punchcard and electronic machines.

After a visit to Holy Island, Iris was inspired to put together a collection of ideas on Celtic motifs for her own personal use.



Fortunately for knitters however, she has decided to share these designs with us.

True to her usual style, these stitch patterns have short floats and include both fabric and border designs. There are two very fashionable garment patterns; the basic tunic style sweater and the jacket which Iris uses to illustrate many of her fabric designs. Both garments are long-line and there are also instructions for many variations.

This book would make a worthy addition to any knitters collection. The colour and design ideas are excellent and the pattern instructions include every detail so that even beginners can knit them.

The book costs £4.95 and disks are available for either Brother FB100 disk drives or for use with DesignaKnit for £5.95 (please specify type and size of disk when ordering), from your local Forsell yarn stockist or direct from Iris at 64 Ifield Road, West Green, Crawley, West Sussex.

WOOLLEY WORLD

All knitters who have a Singer machine will be pleased to know

that there is now a publication written especially to cater to their needs. **Woolley World** is a magazine published by **Woolley Soft Ware.**

Each edition is in A4 loose sheet format and will include patterns and technical articles to suit knitters of all abilities with any of the Singer models. The Summer 1993 edition was the first and came with a four ring binder and index for storing the pages of your magazines.

Woolley Soft Ware specialise in accessories, tuition videos and patterns for the Singer machines and some of these accessories are useful to knitters with other machines.

Have you seen their magnetic **Woolley Weights with extension set?** The extension set consists of two different sized metal bars, both of which are rather heavy, together with long magnets to hold the bars on to the piece of knitting. The idea is to put weight evenly on to the fabric without having to hook claws into it. The magnets can also be used to keep the ribber comb in position after the work has been rolled up. The extension set costs £18.50 or it can be purchased together with the weights set for £28.50 which is a saving of £2.00 on the normal price.

Another piece of equipment that might be useful to all knitters is the **Woolley Clickers.** This is a pair of chrome row counters, each of which can count up to 9999. The counters are mounted on a wooden base and retail for £28.50. Use these for keeping track of neckline and armhole shapings when both occur on different rows.

For a catalogue of all the accessories available from Woolley Soft Ware please write to them at P.O. Box 524, Barton-Le-Clay, Bedford MK45 4YZ.

JACQUARD FOR JAPANESE MACHINES

This is the latest in the **Working Notes** series by **Angela Gordon.** Any knitter with a Silver Reed, Knitmaster, or Brother knitting machine with ribber and double bed colour changer can knit double jacquard garments equally as well as the European machines.

These Working Notes cover everything from choosing the correct type of yarn to problem areas which may be encountered along the way. Two more common methods of colour separation (one very easy and the other slightly more difficult) and the Half Milano method are explained in detail.

Practise samples are always a feature of the series and this book is no exception. An easy to follow, step by step sheet is included for the different methods of knitting double Jacquard. To avoid confusion there is a separate sheet for Brother machines and for Silver Reed and Knitmaster machines. By knitting all the samples you will have a collection of different types of double jacquard fabrics to choose from when knitting a garment.

To complete the learning, you can knit the two colour jacket in Birds Eye Jacquard using Forsell's Sirocco. The book costs £4.50.

Many knitters find colour separating difficult, so there is a pattern disk containing 35 stitch patterns, (15 two-colour, 10 three-colour and 10 four-colour) and also sweater patterns with the necklines marked for cut-and-sew to complement the book. The cut-and-sew patterns are ready for direct download to the Brother electronic machines, or for inter active knitting with Silver Reed electronic machines which are connected to a computer and using DesignaKnit software. A disk is also available for the Brother disk drive.

The two-colour patterns are not pre-separated as this is automatic on the electronic machines, but the three- and four-colour ones are. The disk cost is £5.95.

Order both the book and pattern disk for £9.95 including postage from Angela Gordon Knitwear, 29 St Helens Road, Sandford, Wareham, Dorset BH20 7AX. Please specify if you require Brother disk drive or DesignaKnit (state disk size) disk.

ANN DURKAN DESIGNS

You may remember that last month we reviewed Ann's new pattern book. We are pleased to tell you that the patterns are also available individually.

So, if you just fancy knitting yourself the lovely **Rowena** coat, or either of the suits, **Bryony** and **Colleen,** you can now just purchase the one you want. Of course, this way you do not have the benefit of the full colour glossy covers with all the patterns neatly stored together.

Order each pattern for £2.95 from Ann Durkan, Michaelmas Cottage, Twineham, West Sussex RH17 5NN.

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DesignaKnit sends colour patterns directly by cable to the above machines and gives both shaping and colour changing instructions on the screen as you knit.

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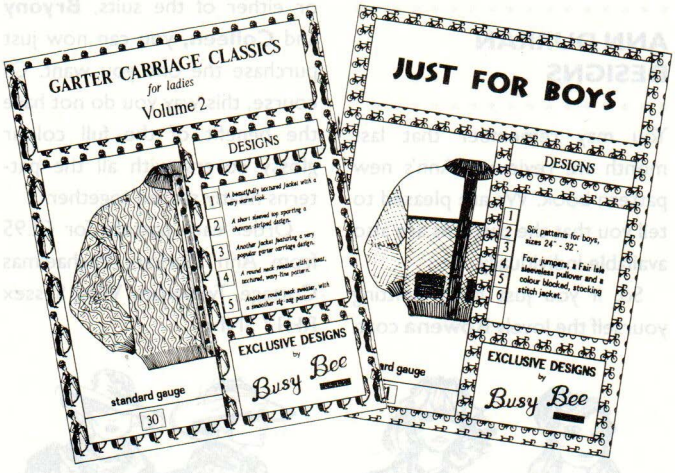


BUSY BEE BASICS

Busy Bee have certainly been busy to produce five new pattern booklets.

Book 29 is for **Chunky Machines** and contains six patterns for jumpers, cardigans and tunics suitable for ladies and children. All are knitted in standard double knit Acrylic. This book costs £2.75.

Book 30, Garter Carriage Classics Volume 2 is produced following the popularity of Volume 1. This one has patterns for two jackets, two sweaters and a short sleeved top. All are simple shapes to minimise shaping, allowing speedier garter carriage knitting. The cost of this one is £3.50.

Book 31, Just For Boys, includes four jumpers, a Fair Isle sleeveless pullover and a colour blocked jacket in sizes 24 to 32 inch chest, all for a price of £2.75.

Book 32 is something different with a little **Touch of Class.** A square neck jumper with crocus and trellis pattern and matching jacket with border pattern; a tunic with geometric single motif panel; a jacket with geometric border and an all over vertically striped flower pattern. Touch of Class costs £3.50.

Book 33 has patterns for two **Longline Waistcoats,** one in stocking stitch and one in Fair Isle and costs just £1.50.

All pattern books are available post free, or you can send a stamped addressed envelope, for a catalogue listing all the Busy Bee patterns. to Busy Bee Basics, Brooklyn, Ruthin Road, Bwlchgwyn, Wrexham, Clwyd LL11 5UT.

RETINAL PHOTOGRAPHY

Any craft work, including machine knitting, can place a strain on the eyes. It is therefore even more important for anyone involved in this type of hobby to have a regular examination.

At a full eye examination an Optometrist regularly examines the internal structure of the eye using an instrument called an Ophthalmoscope. With this instrument it is possible to view retinal blood vessels and optic nerves inside the eye and to spot changes in their appearance.

With the use of a retinal camera a photographic record of these structures can be taken and kept on file, to be compared with future photographs. This will help in the early detection of eye disease such as Glaucoma and general disorders such as Hypertension (high blood pressure) and Diabetes.

This procedure is pain-free and can be performed for a small fee by any optometrist with the appropriate equipment.

If you are over thirty years of age and particularly if you have any relatives suffering from Glaucoma, when the procedure may well be free, it is advisable to make enquiries about this examination at your local opticians. If they do not offer the service themselves, they will be able to advise you where it can be performed.

KNITTING MATTERS

Patterns Made Easy by **Ishbel Sherriff** is a Dropped Shoulder Sweater pattern book for beginners, suitable for Japanese machines, in which each pattern introduces a new technique and pattern instructions are written more fully than is normal. This should ensure that new knitters are not baffled by terminology and do not miss out a vital step – indeed it is 'not just a pattern book but a complete knitting course'.

The patterns, knitted in Bramwell Fine four-ply Acrylic, start with a stocking stitch jumper and progress through Fair Isle, tuck stitch and single motifs. Each sweater is in the same basic style but using a different stitch technique. The complete method for casting on, knitting welts and shaping is included again in each pattern so that you do not have to look back to the previous pattern if you have forgotten how to do something.

The book costs £6.99 and is available from Ishbel Sherriff, 18 North Loch Road, Forfar, Tayside DD8 3LS. For details of courses, private tuition and correspondence courses please send a stamped addressed envelope.

NEW ZEALAND MACHINE KNITTING FESTIVAL

Planning a trip to New Zealand this year? Why not time it to coincide with the New Zealand Machine Knitting Festival which is to be held at the Hamilton Gardens Complex in Hamilton, North Island from 26th June to 3rd July.

Hamilton is the centre of the Waikato Area. Waikato, named after its river, is a rich and beautiful farming area, so many of the Festival organisers, helpers and knitters come from rural districts. The city is within easy reach of several prominent tourist attractions and has a wide variety of attractions for visitors within the city as well.

The Festival Programme will include workshops, demonstrations, garment competitions, a fashion show, guest exhibitor, dinner and prize giving. Full day and half day tours of Waikato sights will be available.

For details of fees, programme tours and accommodation please write to Dana Catley, Secretary N.Z.M.K.S. Festival, Frankton, Pirongia Road, R.D.2 Ohaupo, North Island, New Zealand.

JACPACS TALKS

Yvonne Knapman, who is a familiar face at the knitting exhibitions and the inventor of the Jac-Card, is available to give talks to knitting clubs.

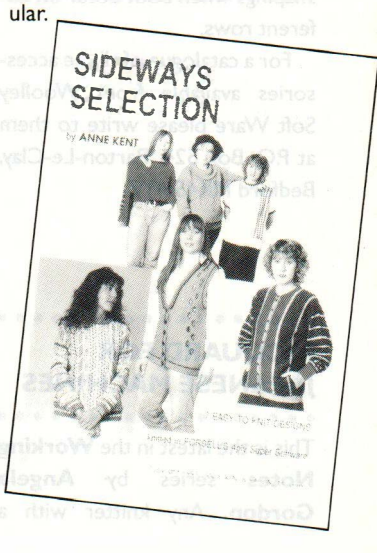
For the benefit of knitters who have not yet seen the Jac-Card – we can tell you that it is a very useful little device. Intended for holding up to four colours at the left end of your knitting machine, there is no reason why you should not have two, one for each end of the machine and use up to eight colours.

Yvonne will bring the Jac-Card together with a range of Jacquard patterns and will talk to you about knitting double Jacquard using the double bed colour changer or the Jac-Card.

For more details please send a stamped addressed envelope to Yvonne at 19 South Road, Portishead, Bristol BS20 9DU.

SIDEWAYS SELECTION

Always a popular way of knitting sweaters, especially for those more amply endowed, this collection of sideways knit designs by **Anne Kent** is sure to be popular.



Sideways Selection features stripes, Fair Isle, pin tuck hems with a flower motif and an unusual 'holes' design waistcoat. The patterns – a top, three sweaters, a cardigan, a waistcoat and a skirt, are all knitted in Forsell's four-ply Super Software.

All garments are easy to knit and go up to very large sizes.

To obtain a copy send a cheque or postal order for £4.95 plus 50p postage and packing to Anne Kent Designs, 23 Springfield, East Grinstead, West Sussex RH19 2RT.

NEW YARNS FROM SPECTRUM

New yarns for hand or chunky/double knit gauge machines include **Braeside** an 80% Courtelle, 10% British Wool and 10% Welsh Kemp Wool in six colours. This has the appearance of Aran but without the harsh prickly feel of a true Kemp Aran.

Prelude is available in double knit and chunky weights in five pastel colours. Prelude is 50% Courtelle, 30% Wool and 20% Mohair.

See these new yarns together with the rest of the Spectrum range at your local stockist.

SILVER REED PATTERN BOOKS

A set of three pattern books for the Silver Reed Electronic machines has been published by **MK Publications.**

Each book contains patterns for all four gauges, fine, standard, double knit and chunky. Garments are sized from 20 inch to 50 inch bust/chest and feature some wonderful single motif and Fair Isle patterns which are suitable for all electronic machines with a 60-stitch repeat.

Round and V neck cardigans and sweaters, knitted in Bramwell yarns are featured in each book.

Book 1 – The Floral Collection features drop shoulder styles with 18 floral stitch designs.

Book 2 – Folk Fair Isle is for set-in sleeve designs and includes designs inspired by American Indian motifs, Roman emblems, Chinese ornamentation, Egyptian motifs, Persia, Greek Expression and Elizabethan Style.

Book 3 – Festive Fun features raglan garments with topical motifs for Valentines Day, Easter, Halloween, Fireworks, Christmas, New Year and Birthdays.

This is a truly mix and match selection. The same yarns are used in each book, which means that the garment shapes and pattern cards are fully interchangeable.

Each book costs £3.95 and they are available from your local Silver Reed Stockist.

HAND KNITTING MAGAZINE

Karen Platt Original Knitwear magazine was launched in February 1992 and now has subscribers from as far afield as America, Canada and Russia.

Karen has been a hand knitter for 25 years and enjoys designing and hand knitting original sweaters. With a little help from her husband, she produces a quarterly magazine from home. Each issue has 20 original patterns, news, reviews, a children's page, interesting articles, technique information and competitions.

The magazine is currently available by subscription only from Karen Platt Original Knitwear, 37 Melbourn Road, Crookes, Sheffield S10 1NR. Please send a cheque for £11.80 for one year's subscription.

ISLAMIC DESIGNS

Jan Francis has produced a collection of 19 stitch patterns inspired by **Islamic designs.**

The designs are available in a spiral bound booklet, either as punchcard templates for 24-stitch machines or mylar sheet templates for electronic machines. DesignaKnit users can purchase a disk with all the patterns ready for use with the program.

£5.95 is the cost of either book (don't forget to say whether you need the punchcard or electronic version) or disk and includes postage and packing. Please specify disk size when ordering. To order send to Jan Francis, 140 St. Asaph Road, Brockley, London SE4 2EN.

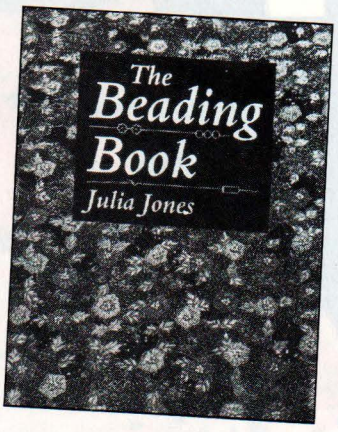
THE BEADING BOOK

This book by **Julia Jones** is a mine of information about beads. It is not just a book telling you how to apply beads by many different methods, but covers the history of beads, different types of beads and how they are made, making for absolutely fascinating reading. Reading **The Beading Book** makes you want to get the needles, thread and beads out, to create your own stunning design.

Beaded knitting and crochet has been popular since the nineteenth century and a whole chapter is devoted to knitting and crocheting with beads. This is written for hand knitting, but is readily transferable to the machine.

Also of interest to knitters is the chapter on creating beaded trimmings and tassels – ideal for decorating this summer's knitwear. How about decorating your knitwear and then using some of the same beads to make tassel earrings to match?

This book is definitely one to treat yourself to, or perhaps put on the birthday present list! Order from good booksellers – ISBN 0-7136-3787-0, published by A & C Black. The retail price is £13.99.



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pattern 1

Bertie cardigan

Keep the March winds at bay with this colourful children's cardigan in snuggly Robin New World DK. One of the ever-popular Thomas the Tank Engine designs, featuring Bertie, by Britt Allcroft.

BACK

Push 71 [77, 83, 87, 93] Ns to WP. Using MT and WY, cast on and K a few rows, ending with carriage at right. Set RC at 000. Using MC, K 6 [8, 10, 14, 18] rows. Cont in intarsia patt from chart A, K 30 rows. Cont in st st and MC, K 6 [10, 12, 16, 20] rows. Cont in patt from chart B, K 38 [42, 46, 48, 52] rows. RC shows 80 [90, 98, 108, 120]. Place marker at each side of centre 23 [25, 27, 29, 31] sts. Cast off.

RIGHT FRONT

Push 33 [36, 39, 41, 44] Ns to WP. Using MT and WY, cast on and K a few rows, ending with carriage at right. Set RC at 000. Cont in patt from chart B (starting with 7th [1st, 13th, 5th, 13th] row). K 65 [75, 83, 93, 99] rows.

Shape Neck

Cast off 3 [4, 5, 6, 7] sts at beg of next row. Dec 1 st at neck edge of every row until 24 [26, 28, 29, 31] sts rem. K 8 [8, 8, 8, 14] rows. RC shows 80 [90, 98, 108, 120]. Cast off.

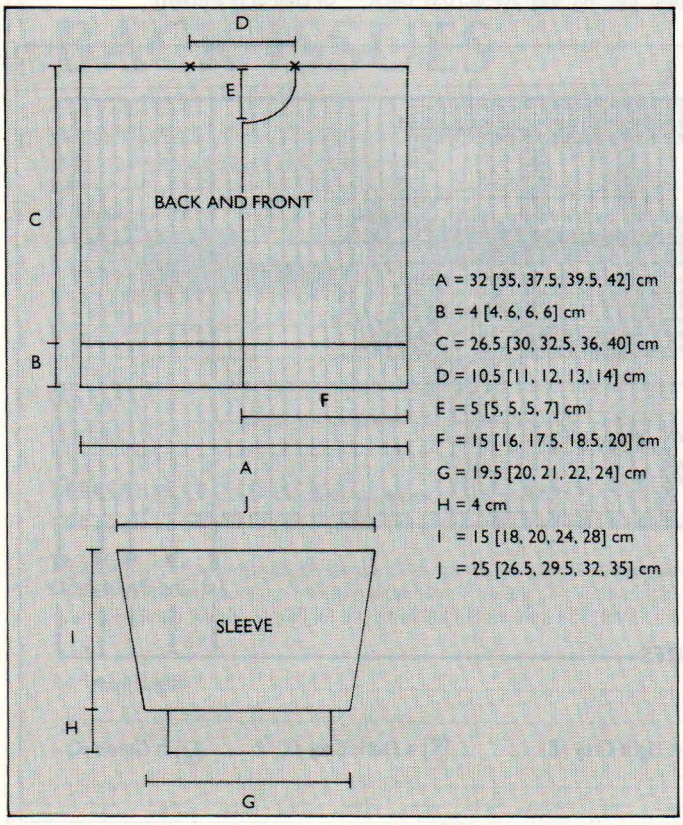
LEFT FRONT

Work as for right front, reversing shapings by reading left for right.

SLEEVES

Push 43 [45, 47, 49, 53] Ns to WP. Using MT and WY, cast on and K a few rows, ending with carriage at right. Set RC at 000. Cont in intarsia patt from chart C over centre 19 Ns, K 4 [6, 2, 2, 6] rows. Shape sides by inc 1 st at each end of next and every foll 6th row until there are 53 [53, 57, 59, 61] sts. K 1 [5, 3, 3, 5] rows. RC shows 30. Cont in patt from chart B and, AT THE SAME TIME, cont to inc on every 6th row from previous inc until there are 55 [59, 65, 71, 77] sts. K 10 [11, 9, 9, 11] rows. RC shows 45 [54, 60, 72, 84]. Cast off.

10 ▶



A = 32 [35, 37.5, 39.5, 42] cm
B = 4 [4, 6, 6, 6] cm
C = 26.5 [30, 32.5, 36, 40] cm
D = 10.5 [11, 12, 13, 14] cm
E = 5 [5, 5, 5, 7] cm
F = 15 [16, 17.5, 18.5, 20] cm
G = 19.5 [20, 21, 22, 24] cm
H = 4 cm
I = 15 [18, 20, 24, 28] cm
J = 25 [26.5, 29.5, 32, 35] cm

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for 6.5 mm double knitting machines with intarsia facility.

MATERIALS

Robin New World DK. (Yarn Guide No. 14.)
3 [3, 4, 4, 5] x 50g balls in White (MC).
1 x 25g ball in Red (A), Light Grey (B), Green (C), Yellow (D) and Blue (E).
A small amount in Dark Grey (F) and Black (G).
6 [6, 7, 8, 8] buttons.
Pair of 3 1/4 mm knitting needles.

The fibre content of this yarn is 75% Acrylic, 25% Wool. For further information about this yarn, please write to the following address:- Robert Glew & Co. Ltd., Leeds Road, Greengates, Bradford BD10 9TE.

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS

To fit chest 51 [56, 61, 66, 71] cm, 20 [22, 24, 26, 28] in.
Actual size 62 [68, 73, 77, 82] cm, 24 1/2 [27, 29, 30 1/2, 32 1/2] in.
Length to shoulder 30.5 [34, 38.5, 42, 46] cm, 12 [13 1/2, 15, 16 1/2, 18] in.
Sleeve seam 19 [22, 24, 28, 32] cm, 7 1/2 [8 1/2, 9 1/2, 11, 12 1/2] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

22 stitches and 30 rows to 10 cm, 4 in measured over stocking stitch and pattern (tension dial approximately 5).

For perfect results, please check your tension carefully.

KNITTING NOTES

We used knit side of knitting as right side of garment. Always twist yarns together when changing colours in intarsia to prevent a hole forming.

pattern 1

Reproduced courtesy ROBIN Wools.

Bertie cardigan

◀ 9

BACK WELT

With K side facing and using 3 1/4 mm needles and MC, pick up and K 71 [77, 83, 87, 93] sts along lower edge of back.

1st Rib Row: P 1, * K 1, P 1; rep from * to end.

2nd Rib Row: K 1, * P 1, K 1; rep from * to end.

Rep these 2 rows until welt measures 4 [4, 6, 6, 6] cm, 1 1/2 [1 1/2, 2 1/2, 2 1/2, 2 1/2] in. Cast off in rib.

FRONT WELTS

With P side facing and using 3 1/4 mm needles, pick up 33 [36, 39, 41, 44] sts along lower edge of front. With K side facing and using MC, K 1 row, dec 1 st at side edge on 2nd and 5th sizes. 33 [35, 39, 41, 43] sts. Cont in rib as for back welt until welt measures 4 [4, 6, 6, 6] cm, 1 1/2 [1 1/2, 2 1/2, 2 1/2, 2 1/2] in. Cast off in rib.

CUFFS

With P side facing and using 3 1/4 mm needles, pick up 43 [45, 47, 49, 53] sts along lower edge of sleeve. With K side facing and using MC, K 1 row dec 8 [8, 8, 8, 10] sts evenly. 35 [37, 39, 41, 43] sts. Cont in rib as for back welt until cuff measures 4 cm, 1 1/2 in. Cast off in rib.

RIGHT FRONT BORDER

With K side facing and using 3 1/4 mm needles and MC, pick up and K 10 [10, 14, 14, 14] sts evenly along rib and 57 [61, 71, 85, 91] sts evenly up right front edge. 67 [71, 85, 99, 105] sts. Cont in rib as for back welt. Work 3 rows for girl or 5 rows for boy.

For Girl Only

1st Buttonhole Row: Rib 4, cast off 2 sts, (rib 10 [11, 11, 11, 12], cast off 2 sts) 4 [4, 5, 6, 6] times, rib to end.

2nd Buttonhole Row: Rib 9, cast on 2 sts, (rib 11 [12, 12, 12, 13], cast on 2 sts) 4 [4, 5, 6, 6] times, rib 4.

For Girls and Boys

Work 3 rows. Cast off in rib.

LEFT FRONT BORDER

With K side facing and using 3 1/4 mm needles and MC, pick up and K 57 [61, 71, 85, 91] sts evenly down left front edge and 10 [10, 14, 14, 14] sts evenly along rib. 67 [71, 85, 99, 105] sts. Cont in rib as for back welt. Work 3 rows for boy or 5 rows for girl.

For Boy Only

1st Buttonhole Row: Rib 9, cast off 2 sts, (rib 10 [11, 11, 11, 12], cast off 2 sts) 4 [4, 5, 6, 6] times, rib 3.

2nd Buttonhole Row: Rib 4, cast on 2 sts, (rib 11 [12, 12, 12, 13], cast on 2 sts) 4 [4, 5, 6, 6] times, rib 9.

For Girls and Boys

Work 3 rows. Cast off in rib.

NECKBAND

Join shoulder seams. With K side facing and using 3 1/4 mm needles and MC, pick up and K 7 sts evenly along top of right front border, 20 [20, 22, 27, 27] sts evenly up right side of neck, 24 [26, 28, 30, 32] sts across back neck, 19 [19, 21, 26, 26] sts evenly down left side of neck and 7 sts evenly along top of left front border. 77 [79, 85, 97, 99] sts. Cont in rib as for back welt. Work 3 rows for girl or 2 rows for boy.

1st Buttonhole Row: Rib 3, cast off 2 sts, rib to end.

2nd Buttonhole Row: Rib to last 3 sts, cast on 2 sts, rib 3.

Work 3 rows. Cast off in rib.

PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully, following instructions on ball band.

MAKING UP

Set in sleeves, matching centre to shoulder seams. Join side and sleeve seams. Sew on buttons. Using colours as indicated, embroider features as shown on charts (remembering wrong side of charts is shown).

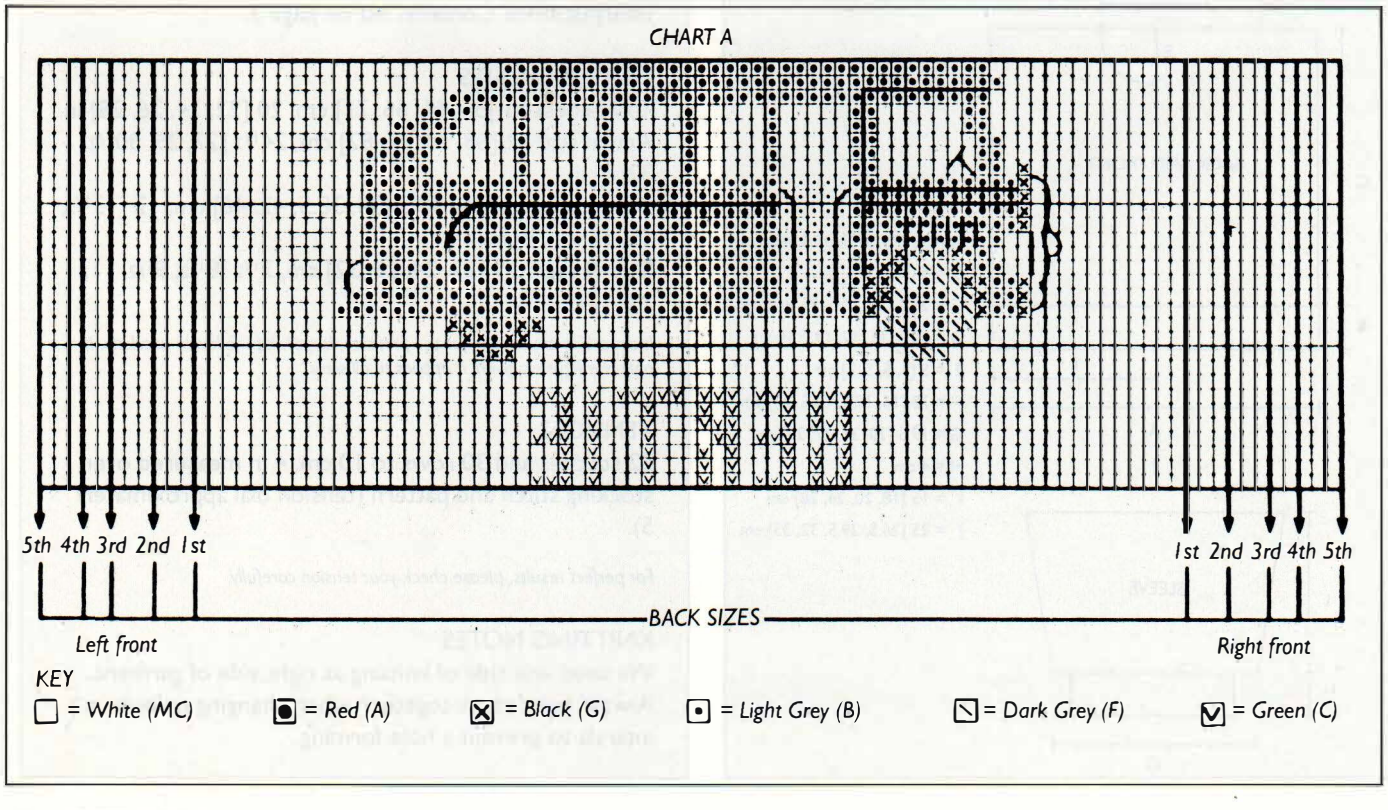
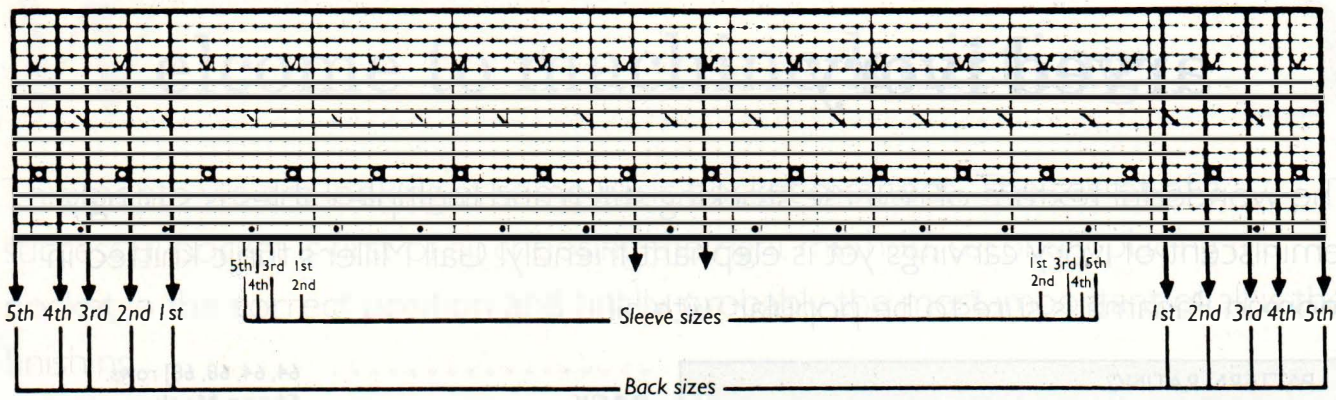


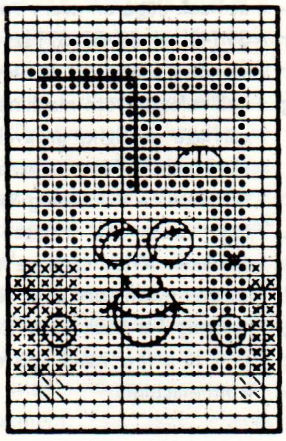
CHART B



KEY

☐ = White (MC) ◉ = Red (A) ◎ = Yellow (D) ▨ = Blue (E) ▽ = Green (C)

CHART C



KEY

☐ = White (MC)
◉ = Red (A)
⊙ = Light Grey (B)
▨ = Dark Grey (F)
⊠ = Black (G)

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HOLLAND – Projeko, Raamsingel 30, 2012, DT, Haarlem.

Carved ivory

The wonderful texture of reverse stocking stitch and multiple cables is strongly reminiscent of ivory carvings yet is elephant friendly! Gail Miller's tunic knitted in Yeoman Panama is sure to be popular with all.

PATTERN RATING
** Fairly easy for knitters with some experience.

MACHINES
This pattern is suitable for standard gauge machines with a ribber.
If you don't have a ribber, work ribs in mock rib.

MATERIALS
Yeoman Panama. (Yarn Guide No. 10.)
1 [1, 2, 2, 2, 2] x 500g cones in Cream (MY).

GARMENT WEIGHT
Finished garment in second size weighs 425g.

The fibre content of this yarn is 50% Cotton, 50% Acrylic. For further information about this yarn, please write to the following address:- Yeoman Yarns, 36 Churchill Way, Fleckney, Leicestershire LE8 0UD.

PATTERN INFORMATION
For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS
To fit bust 87 [92, 97, 102, 107, 112] cm, 34 [36, 38, 40, 42, 44] in.
Actual size 104 [109, 114, 120, 124, 130] cm, 41 [43, 45, 47, 49, 51] in.
Length to shoulder 75 [75, 76, 76, 77, 77] cm, 29½ [29½, 30, 30, 30½, 30½] in.
Sleeve seam 41.5 [41.5, 43, 43, 44.5, 44.5] cm, 16½ [16½, 17, 17, 17½, 17½] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION
27½ stitches and 33 rows to 10 cm, 4 in measured over stocking stitch (tension dial approximately 9).
27½ stitches and 38 rows to 10 cm, 4 in measured over cable pattern (tension dial approximately 9).

For perfect results, please check your tension carefully.

KNITTING NOTES
We used knit side of cable pattern and purl side of stocking stitch as right side of garment.

Cable Pattern

Back and Front
Work in cable patt from chart over centre 125 [145, 145, 165, 165, 165] Ns.

Sleeves
Work in cable patt from chart over centre 45 Ns, K 16 rows. Work in cable patt from chart over centre 65 Ns, K 48 rows. Work in cable patt from chart over centre 85 Ns, K 80 [80, 88, 88, 96, 96] rows. Cont in st st.

pattern 2

BACK

With carriage at right and using MT–5/MT–5 and MY, cast on 127 [135, 141, 149, 155, 163] sts in 1x1 rib. K 24 tubular rows. Carriage is at left. Set carriage for 1x1 rib knitting. K 1 row. Transfer sts for st st. Set RC at 000. Using MT, K 66 rows.

Shape Side Slits
Cast on 9 sts at beg of next 2 rows. 145 [153, 159, 167, 173, 181] sts. K 85 rows. RC shows 153. Using WY, K a few rows and release from machine, leaving empty Ns in WP. With carriage at right and K side facing, replace sts on to Ns. Unravel WY. Place marker at each end. Set RC at 000. Using MY, cont in cable patt *. K 98 [98, 102, 102, 106, 106] rows. Push 39 [43, 46, 50, 53, 57] Ns at left and right to HP. Using WY, K a few rows over rem 67 Ns and release from machine. Push 39 [43, 46, 50, 53, 57] Ns at right from HP to UWP. Using WY, K a few rows and release from machine. Push 39 [43, 46, 50, 53, 57] Ns at left from HP to UWP. Using WY, K a few rows and release from machine.

FRONT

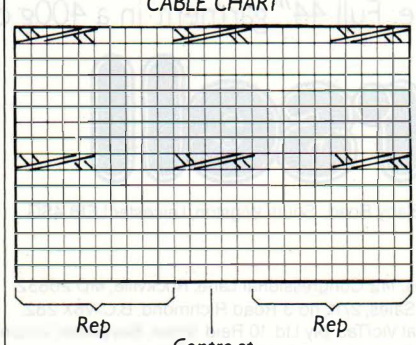
Work as for back to *. K 60 [60, 64, 64, 68, 68] rows.

Shape Neck
Using nylon cord, K 86 [90, 93, 97, 100, 104] sts at left by hand, taking Ns down to NWP. Cont on rem sts for first side. Dec 1 st at neck edge on every row until 39 [43, 46, 50, 53, 57] sts rem. K 18 rows. Using WY, K a few rows and release from machine. With carriage at right, unravel nylon cord over 27 Ns at right, bringing Ns back to WP. Using WY, K a few rows and release from machine. With carriage at left, unravel nylon cord over rem Ns, bringing Ns back to WP. Using WY, K a few rows and release from machine.

SLEEVES

Push 65 [65, 71, 71, 77, 77] Ns to WP. Using MT and WY, cast on and K a few rows, ending with carriage at right. Set RC at 000. Using MT–3 and MY, K 6 rows. Transfer every alt st to its adjacent N. Leaving empty Ns in WP, K 6 rows. Make a hem by placing loops of first row worked in MY on to corresponding Ns. Unravel WY when work is completed. Set RC at 000. Using MT, cont in cable patt. Shape sides by inc 1 st at each end of every 3rd row until there are 143 [143, 149, 149, 155, 155] sts. K 35 [35, 41, 41,

CABLE CHART



Trousers, NAF NAF. Necklaces, VAL D'OR. Shoes, NEXT.

pattern 2

Hints & tips

There are no great secrets to enjoyable and successful machine knitting, just lots of little hints and tips that help things along and that are worth sharing . . . here are a few more.

OVERLOCKERS

A recent convert to overlocking machines wrote to tell us that she puts polyester thread in the needle and one looper of her three thread overlocker and a strand of industrial yarn 2/30s in the second looper. This, she says gives a neat finish and a good edge for cut and sew.

EVERY LITTLE HELPS

One of our readers was chatting to us at a craft fair and she had made several little hats to fill up some gaps on her stall. A few sold but not many. At the next sale she had knitted mitts and/or scarves to go with the hats and every set was sold out by lunch time! Worth remembering.

THE FINISHING TOUCH

How often have you searched the shops for the right buttons only to have to compromise and feel that the garment was spoilt by unsuitable buttons? Stop searching and start covering your own buttons in matching yarn. It doesn't take long and the finish is so professional. The buttons are by Newey, come in packs of ten in two different sizes and you can buy them from your nearest haberdashery department. There are also similar buttons for covering with fabric so be sure that you ask for the openwork ones for covering with yarn.

A NEAT BUTTON BAND

Try this buttonband for jacket and V neckbands, it is ribbed but it does not pull in as much as an ordinary rib. The rib is knitted on the ribber, the stitches are then transferred to the main bed and the garment edge is picked up and attached to the rib. Cast on as normal in a 2x2 rib. Now knit two rows normal rib and two rows circular. Repeat these four rows for as many rows as you require for the band. Any buttonholes must be worked on the two knit rows. The effect is a strand of yarn across the ribs and this not only looks smart but prevents the ribs from pulling in too much. For an extra-special finish, knit the two circular rows in a contrast colour, takes a little longer but the result is worth that bit of extra time.

RIBS FOR CHUNKY MACHINES WITHOUT RIBBERS

If you intend to knit the ribs for your chunky machine on knitting needles, you will find it more satisfactory and easier, to cast on with waste yarn and knit the garment and then pick the bottom edge up from the waste yarn and knit the rib on by hand afterwards. This is much easier than trying to hang stitches on to the machine from a pair of knitting needles and it also gives you the opportunity of adjusting the length of the garment with the rib should you need to do so. You can also unravel the rib and reknit it easily if you need to do so at a later date.

An alternative

Another alternative is to cast on over alternate needles as for a mock rib. Use the rib tension and knit the required number of rows. Bring the empty needles into the working position. Now use your latch tool and latch up the bars in between the stitches and put the last bar on to the empty needle. Turn up your tension dial and continue with your garment.

DROPPED STITCHES

Not that we are suggesting that you ever have any! However, just for that odd occasion when you do, they can be a real nuisance sometimes to pick up, especially if the yarn is 'hairy' or 'fluffy' and keeps splitting on the latch tool. Try this: instead of struggling to pick it up there and then, catch it with a safety pin or a hair grip and leave it until you have finished and got the work off the machine, you will be able to do a much neater repair job later.

PICKING UP DROPPED STITCHES

For the occasions when you do want to pick the stitch up, proceed as follows: Take your latch tool behind the knitting. Imagine that the tool is simply a machine needle with a handle on it and you are going to operate it in just the same way as a needle operates on your machine. Do not try to put the tool through the dropped stitch, take it down a row or two and then insert it in a stitch, now pull on the tool and allow the stitches to ladder down until the last one is sitting inside your latch tool. Now all you have to do is knit the stitches back up the ladder one at a time, taking care not to split the yarn. Do not be afraid to pull the knitting well out towards you, it will soon settle back into shape again.

NYLON CORD TIPS

If you are using the nylon cord cast on method and you have over 100 stitches to cast on, try this. Knit the first row and then, when you have put the nylon cord over the needles, bring out every tenth needle or so, just so that the tip of the needle is over the nylon cord. This will hold the cord in place and the next row will knit more easily without the nylon cord rippling up and causing problems.

You can share your ideas and thoughts, hints and tips with Hazel Ratcliffe each month or ask for her expert advice. She looks forward to hearing from old friends and new readers and will give you her expert advice on any aspect of machine knitting.

THE LOST CORD

If you loose or break your nylon cord, a good substitute is a length of three or four-ply lurex thread. It is strong, does not break and it is easy to see.

NYLON CORD HOLDING METHOD

A useful way of holding one side of a neck shaping, especially in a patterned garment, is to knit the side to be held back to the non-working position with the nylon cord. All you need to do is lay the cord inside each needle latch and knit that stitch back by hand to the resting position, making sure that you knit it right back.

When you have shaped the first half and you are ready to work on the second half, all you have to do is unravel the nylon cord as you would unravel a row. The stitches will be ready and back in the working position.

A BIT OF PSYCHOLOGY

If you are one of those people (like me) who prefer to get the tricky bits over first so that the rest is plain sailing, have a re-think. Say for example you are knitting a sweater with a Fair Isle front and plain back and sleeves. Knit the plain bits first and if all goes well you will be in top gear, full of confidence and the Fair Isle will present no problems. If you are knitting the whole sweater in Fair Isle, leave the round neck shaping until last and by then you will be used to the stitch pattern and perhaps any colour changes and you will sail through the shaped bit . . . try it . . . it works.

SOME MORE PSYCHOLOGY

Do you deceive yourself when you measure your tension swatch? If you know that it should be seven stitches and ten rows to the inch do you give it a pull to make sure that it is? Better to measure the swatch and THEN look to see what it should be, it will be more accurate without your helping hand! Don't then be tempted to re-measure – just in case you made a mistake the first time!

MAKING SENSE OF METRIC

Some of us are still struggling with the metric system (this is where your age becomes apparent). Most of us can easily convert from inches to centimetres but we cannot think in metric. Here is an easy way to educate yourself. Learn one measurement at a time until you are familiar with it. Take your own bust measurement to begin with, convert it to metric and get it firmly fixed in your mind before you go on to the next one. You could work through the family's measurements and then start on sleeve or trouser lengths but the secret of success is to learn one at a time and get it firmly fixed in your mind before going on to another. You will soon be fluent in metric language!

47, 47] rows. RC shows 152 [152, 158, 158, 164, 164]. Cast off.

SIDE SLIT BANDS (Knit 4)

With carriage at right and using MT–5/MT–5 and MY, cast on 63 sts in 1x1 rib. K 22 tubular rows. Carriage is at left. Set carriage for 1x1 rib knitting. K 1 row. Transfer sts for st st. With wrong side facing, pick up 63 sts along slit opening and place on to Ns. Using MT+1, K 1 row. Cast off.

TO JOIN RIGHT SHOULDER

Push 39 [43, 46, 50, 53, 57] Ns to WP. With K side of right back shoulder facing, replace sts on to Ns. With P side of right front shoulder facing, replace sts on to same Ns. Unravel WY. Using MT+1 and MY, K 1 row. Cast off.

NECKBAND

Push 163 Ns to WP. With K side facing, pick up 163 sts around neck edge and place on to Ns. Unravel WY. Set RC at 000. Using MT–3 and MY, K 8 rows. Transfer every alt st to its adjacent N. Leaving empty Ns in WP, K 8 rows. Using WY, K a few rows and release from machine.

TO JOIN LEFT SHOULDER

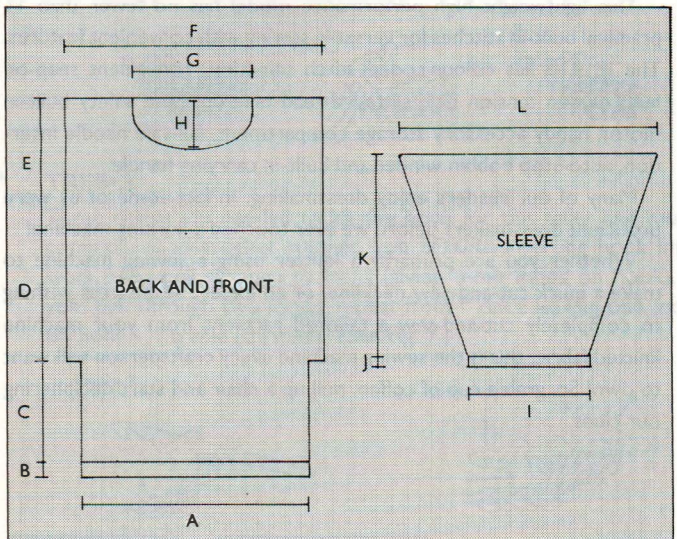
Work as for right shoulder but read left for right.

PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully, following instructions on cone band.

MAKING UP

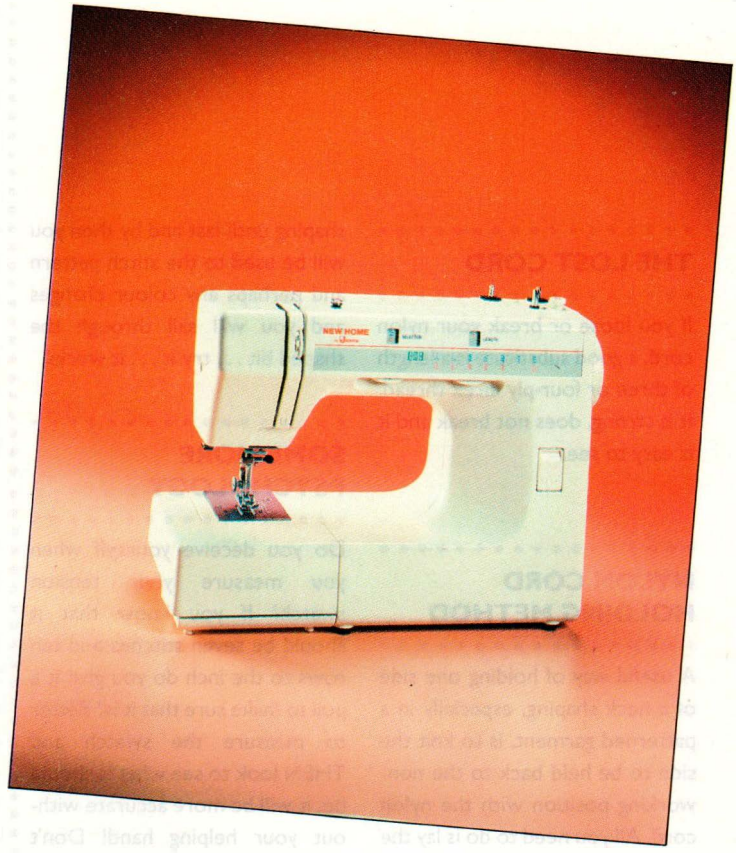
Set in sleeves between markers. Sew ends of side slit bands into position. Join side, sleeve and neckband seams. Fold neckband in half to right side and pin in position. Unravelling WY as required, backstitch through open loops of last row worked in MY.



A = 46 [49, 51, 54, 56, 59] cm
B = 3 cm
C = 20 cm
D = 26 cm
E = 26 [26, 27, 27, 28, 28] cm
F = 52.5 [55.5, 57.5, 60.5, 62.5, 65.5] cm
G = 24 cm
H = 10 cm
I = 23.5 [23.5, 25.5, 25.5, 28, 28] cm
J = 1.5 cm
K = 40 [40, 41.5, 41.5, 43, 43] cm
L = 52 [52, 54, 54, 56, 56] cm

Competition

WIN A JANOME NEW HOME SEWING MACHINE (MODEL 1410) WORTH £400



The essential partner to a knitting machine is a good sewing machine – and we have a Janome New Home Model 1410 sewing machine worth £400 to be won in our easy-to-enter competition.

This lightweight high performance model has no fewer than 11 practical built-in stitches for versatile sewing with convenient features. The JB1410 has colour-coded stitch selection, convenient snap-on feet, hidden tension dial, slitted thread take-up lever, safety built-in motor, handy accessory storage compartment, fail-safe needle insertion, auto-stop bobbin winder and built-in carrying handle.

Many of our readers enjoy dressmaking, in fact some of us were proficient dressmakers before we ever touched a knitting machine!

Whether you are primarily a knitter using a sewing machine to make a quick cut-and-sew neckline, or an expert seamstress wishing to completely cut-and-sew a tailored garment from your machine knitted fabric, this is the sewing machine every craftsperson will want to own! So, grab a cup of coffee, pull up a chair and start deciphering our clues.

	A	B	C	D	E	F	G	H	J
1							A		–
2						K			
3	R							–	–
4		C						–	–
5			R					–	–
6		A					–	–	–
7			P					–	–
8		O					–	–	–
9				U					

1D	3D	7E	4D		8F	5B	3F		8E		9E	6D	2C	6E	4E	9J
8A	7D	5D	6C		4F	9H	2B		8D	7G	9F	7F	4G	3B		
3C	2H	6F		1E	2G	1C	9G	1F		2E	3G		1A	5F	8C	1B

MARCH COMPETITION

Our compiler has come up with some fiendish anagrams for you to solve in this month's puzzle. Unscramble the clues and put your answers in the grid. Then transfer the letters from the top grid into the squares below as indicated, to discover a few lines of a well-known poem. The author of the poem appears in Column A of the grid. Put the lines of the poem on a postcard or on the back of a sealed envelope, add your name and address and send it to *Modern Machine Knitting*, 17 Grove Park, Waltham Road, White Waltham, Maidenhead, Berkshire SL6 3LW to arrive before 31st March 1994.

CLUES (All anagrams)

1. I SEW WARM
2. A STAR HANK
3. DRAWERS
4. ICY CARL
5. HAY MORN
6. BASH IT
7. PALER PA
8. AH! FOOL
9. TEE-UP LATE

RULES

1. You should print your answers clearly on a postcard or on the back of an envelope together with your name and address and send it to:- March Competition, *Modern Machine Knitting*, 17 Grove Park, Waltham Road, White Waltham, Maidenhead, Berkshire SL6 3LW.
2. The competition is open to residents in the UK only, except employees of *Modern Machine Knitting Ltd.*, the magazine's typesetter, printer, distributor, employees of this month's sponsor and their relatives.
3. Your entry must reach us by 31st March 1994 and we accept no responsibility for entries lost or delayed in the post.
4. No cash alternative will be offered.
5. The winner will be the first correct entry drawn from our postbag after the closing date.
6. The winner will be notified in writing and the competition result will be published in a future issue of *Modern Machine Knitting*.
7. The Editor's decision is final and no correspondence will be entered into regarding the competition.

PICK OF THE PUNCH

is the newest CML title by Maggie Tarason in CML's art folio range. It contains all the designs suitable for 12 and 24 stitch punchcard machines from their existing art-work collections, from single motifs to borders, specially for those of you who want to get positively punch-drunk! A huge collection for only £4.50 (including p&p).

Other popular CML machine knit titles, featuring their own lay-flat, one-sided printing, large print and stunning new designs include:

A Stylish Carriage – 10 garter carriage designs from Teresa Schiff with colour and black/white photographs and bags of style, plus some great new ideas and fashion shapes. £5.95
Elementals – colour and black/white illustrations of element inspired high fashion garments for **std. gauge** machines £5.95
Earthsong – Garments on natural themes for this catwalk collection designed using natural yarns for **Chunky** machines. (Colour plus black/white photographs) £5.95
Small World – Tops for the Tots, international fashion for 2-6 yr olds in wash 'n' wear yarns **(std gauge)**. (Colour plus black/white photos) £5.95
Look No Hands – **Garter carriage** classics for the family (not colour) £4.50
Ebony & Ivory – Family fashion on a black/white theme. (**Chunky** machines) £5.00
Fine Print – Black/white fashion winners for the family, **std. gauge** machines £5.00
Purls – 130 stitch patterns, traditional and modern, for the G-carriage (in folio format, an invaluable extra for G-carriage enthusiasts) £4.50

PPD. DesignaKnit and De Luxe Paint disks available with these titles for £4.70 per disk (disks also available in other major file types, please phone for details, IBM PCs or compatible only). Book purchase required unless you already have a copy of the title.

Charted Art and Stitch Pattern Folios

Eastern Promise – Oriental Arts and Crafts translated into stitch patterns £4.50
Primotif – Worldwide tribal a[illegible] and craft inspiration £4.50
Victoriana – Victorian silhoue[illegible]s with 'festive' section £4.50
Pilgrims – American colonial art and crafts inspiration £4.50

Disks available as above, but no folio purchase required. £9.40

Prices are in sterling, IMO or sterling cheques only please, add £1.00 per item for rapid air mail from:

CML, The Back Room (at Colourway) 112a Westbourne Grove, London W2 5RU. Tel: 071-229 1432 and ask for Teresa

D3

Club speakers

TERRY ARMITSTEAD and JANE HUNTINGFORD

c/o 16 Renoir Court, Fairlands Estate, Bognor Regis, West Sussex PO22 9AY.
Tel: 0243 826125

Subject: Combined talks on:
TALK 1: Intarsia motifs, technique books, garment patterns and geometric designs for punchcard and electronic machines.
TALK 2: "Inspirational Variations". How to get more out of your punchcard and electronic designs, plus all the latest of our products.

Travel: No restriction.

ANN BROWN

Posh Frocks, 35 The Links, Whitehall, Bordon, Hampshire GU35 9HB.
Tel: 0420 474904

Subject: All aspects of design from techniques to pressing, including slide show, also Passap/Pfaff.

Travel: Club Talks – 100 miles. Workshops/Hands on – any distance.

RUTH COX

Pippin Designs, 22 Clifton Road, Dunstable, Bedfordshire LU6 1LU.
Tel: 0582 605808

Subject: No ugly ducklings. Bears, babies and beautiful dolls. Hints and tips on how to make machine knitted toys successfully.

Travel: 50-mile radius, further by arrangement.

WENDY DAMON

9 Sedley Close, Cliffe Woods, Rochester, Kent ME3 8HE.
Tel: 0634 221629

Subject: Design Ideas, Using Punchcards Creatively, Double Jacquard, Surface Decoration and more – send for full details of talks and workshops.

Travel: 100-mile radius of Rochester for talks, more for workshops.

THELMA DAWSON

287 Brompton Road, London SW3 2DY.
Tel: 071-589 0772

Subject: Intarsia for beginners/improvers and, of course, the Dawson Grids with all it can achieve. Workshops can be arranged.

Travel: 70-mile radius of London. Further by arrangement.

ANN DISHMAN

Briarbank, Highview Lane, Ridgewood, Uckfield, East Sussex TN22 5SY.
Tel: 0825 767757

Subject: Life with Angoras. Angora yarn: its uses, handspinning for the knitting machine. Rainbow dyeing of commercial and handspun yarns with demonstrations.

Travel: Reasonable distance as rabbits also travel to clubs.

ANN DURKAN

Michaelmas Cottage, Twineham, West Sussex RH17 5NN.
Tel: 0444 881556

Subject: Lively lecture by qualified designer, concentrating on creativity, garment design and imaginative use of colour and texture. Emphasis on *Elegance made Easy*. Plenty of sample garments to try on and have fun with. Workshops also arranged.

Travel: No restriction.

KENI FREEMAN

19 Willersey Road, Badsey, Worcestershire WR11 5HB.
Tel: 0386 832080

Subject: Intarsia; Design and Colour; Using sewing machines and overlockers with knitted fabrics; Copyright.

Travel: Will travel to most areas.

ANGIE GIBBONS

26 Cripps House, Henderson Road, Broadfields, Crawley, West Sussex RH11 9HY.
Tel: 0293 523805

Subject: Creative lecture by qualified designer covering design research, inspirations, colour theory and yarn usage. Detailed design techniques as given in *Swatch Spot* articles. Garments from children to adults shown. Workshops can be arranged.

Travel: Any distance considered.

ANDREA HARTLEY

Jaquandra, 96 Beaumont Chase, Bolton BL3 4XH.
Tel: 0204 659589

Subject: "Cotton Crusade" covering all types of cotton yarns available. Their behaviour during and after knitting, with swatches and garments. Also demonstrations on necklines and lace patterns for tunic borders.

Travel: 2 hours of Manchester.

JACPACS

19 South Road, Portishead, Bristol BS20 9DU.
Tel: 0275 842677

Subject: Double Jacquard knitting, an informative talk and demonstration on all aspects of double Jacquard knitting, using the double bed colour changer or the Jac-Card, covering design and punchcard conversion. Workshop days by arrangement.

Travel: Within 100 miles of Bristol.

ROZ KELLETT

68 St Aubins Avenue, Bitterne, Southampton, Hampshire SO2 8NW.
Tel: 0703 446389

Subject: Take the tension out of knitting. A designer shares her secrets and enthusiasm for the craft we all love.

Travel: South of England, elsewhere by request.

ANNE KENT

23 Springfield, East Grinstead, West Sussex RH19 2RT.
Tel: 0342 313562

Subject: Informative talks; Sideways sweater to your size; Size right; Punchcard designing; Pockets galore.

Travel: Reasonable distance from Croydon.

PEGGY LA RIVIERE

67 Bartholomew Road, London NW5 2AH.
Tel: 071-267 2712

Subject: The blocking cloth and finishihg; demonstrations of stitched appliqué on knitwear; a good way of using up tension swatches; original winter coats.

Travel: Up to two hours from London, further by arrangement.

CHRISTELLE MARKS-JEFFERY

Christelle Creations, Badgers Copse, Hampers Lane, Storrington, West Sussex RH20 3HU.
Tel: 0903 743147

Subject: Designing and adorning marvellous mohair. Easy appliqués and garment decorations for all knitwear, fashionwear and even home decor. Club visits, workshops, day courses and mail order available.

Travel: Any distance considered.

VALERIE MEECHAM

White Gates, Dowlish Wake, Ilminster, Somerset TA19 0NZ.
Tel: 04605 4670

Subject: Single and double bed work on Japanese and Swiss machines; 14 subjects; New techniques; Talks and Demonstrations.

Travel: 90-mile radius of Ilminster.

ANNE REID

Undy Yarns, 4 Bridewell Gardens, Undy, Gwent NP6 3JZ.
Tel: 0633 881028

Subject: Demonstration and talk on DesignaKnit. All your queries answered. We can also bring Bonnie's Yarn Warehouse to your club with club discounts.

Travel: South and South/West Wales. Further by arrangement.

RIVERSIDE SPINNING COMPANY

93 Grosvenor Road, Shipley, West Yorkshire BD1 4RB.
Tel: 0274 596875

Subject: Lively and interesting talk on all aspects of spinning, from the sheep to the cone, by former Amberyarn manufacturers.

Travel: All areas considered.

JENNY ROSE

12 Bercta Road, London SE9 3TZ.
Tel: 081-859 2745

Subject: Knitting with mohair; Punchcard design; Surface decoration; Yokes galore; Ribber workshop. Send SAE for further details.

Travel: No restriction.

ANN ROSS

Ann's Yarns, Unit 30, Fourth Avenue, Bluebridge Industrial Estate, Halstead, Essex CO9 2SY.
Tel: 0787 476540

Subject: Any subject on the Japanese machines. Yarns and books available.

Travel: 60-mile radius. Further by arrangement.

RITA RUBERY

18 Forest Close, Streetley, Sutton Coldfield, West Midlands B74 2JZ.
Tel: 021-353 9623

Subject: Talk called 'Made to Measure' Knitwear with 28 garments, illustrations, books and patterns.

Travel: Any distance considered.

PAM TURBETT

17 Forest Rise, Liss Forest, Liss, Hampshire GU33 7AU.
Tel: 0730 893654

Subject: Cut and sew, i.e. dressmaking with fabrics made on your machines.

Travel: No restriction.

ANNE WARWICK

The Knitting Studio, 27a Regent Street, Hinckley, Leicestershire LE10 0AZ.
Tel: 0455 636409 after 6pm

Subject: Knitting with Oiled Yarns. Cashmere, Lambswool/Angora, Shetland, etc. Successful knitting in luxury oiled yarns. Talk and demonstration with samples, swatches and garments covering yarn counts, tensions, scouring, finishing and care for your garments.

Travel: 50-mile radius, further by arrangement.

TRISHA WHITFIELD

5 Brentwood Avenue, Cadishead, Manchester M30 5JS.
Tel: 061- 775 5257

Subject: Pressing knitwear; Appliqués; Fabric paints and how to get the most out of them; Designer techniques and how to make the most of your knitting.

Travel: Distances covered normally within 100-mile radius of Manchester, but special arrangements can be made for longer distances.

Clubs, classes & courses

HANDS ON IN WORTHING

Readers in the Worthing area of Sussex can contact Jenny Guy on 0903 200184 to find out more about the Hands On Club. Meetings are held in the morning from 9.15 to 11.15, on the third Thursday of each month.

FLEET MACHINE KNITTING CLUB

Nina Cornwell has recently taken over as organiser of the Fleet Machine Knitting Club, after a two year break to complete the City & Guilds course.

The club, which has been in existence since 1978, meets at 8pm on the first Tuesday of each month in the St John Ambulance Hall, Clarence Road, Fleet.

Nina says that they try to cater for all levels of knitters and if you are interested in joining them, please call her on Fleet 613186.

CITY & GUILDS PART ONE

Swindon College are offering Part One on Monday evenings from 6pm to 9pm. Although the class started in January there may still be some spare places, so if you are interested, call the college on 0793 613313 or the tutor, Beryl Henderson, on 0793 521959.

BAMBERS SEW-KNIT CO.

Bambers now have a fully equipped Craft School which caters for all aspects of training in overlocking, machine knitting, sewing and embroidery.

In addition to their own resident teacher, Brenda Saxon, they also have regular visiting experts such as Irene Krieger, Alison Bramwell, Janet Cooke and others.

We are told that the overlocking course is currently the most popular, while E6000 knitters will find the range of basic to advanced courses of benefit. If you have a friend who is not converted, why not send them on the 'Try It Out' course specially designed for non-owners?

All courses run from 10am to 4pm with a one hour break for lunch. For further details please write to the Bamber Sew-Knit Company, 42-44 Oldham Street, Piccadilly, Manchester M4 1LE or telephone 061-236 0219.

DESIGNAKNIT COURSES

If you are one of the many interested knitters who fail to get near the crowded stand at the exhibitions, why not book a private, two hour, hands-on lesson, to get a real feel for the program. You can even see the program interactively knitting with Brother, Silver Reed or Passap/Pfaff machines.

This will cost you just £20 and the full fee is refundable if you purchase the program from us on the same day. Alternatively your two hours can easily be converted to a full day if you are too engrossed to depart at the appointed time!

The lessons are held in the home of Jan Francis or Angela Gordon, two very experienced users and demonstrators. To enrol for a lesson contact Angela Gordon (for Dorset/Hampshire area) on 0929 551073, or Jan Francis (London and surrounding areas) on 071-732 8282.

Classic elegance

Sienna, a silk, cotton and acrylic mixture by Celandine, is a yarn typical of today's trend towards natural fibres. Kint this elegant long line cardigan ready for the warmer days of spring.

pattern 3

PATTERN RATING
** Fairly easy for knitters with some experience.

MACHINES
This pattern is suitable for standard gauge machines.

MATERIALS
Celandine Sienna. (Yarn Guide No. 7.)
2 x 250g cones in Pink (MY).
7 buttons.

GARMENT WEIGHT
Finished garment in third size weighs 280g.

The fibre content of this yarn is 50% Silk, 30% Cotton, 20% Acrylic. For further information about this yarn, please write to the following address:- Celandine Limited, 44 Kirkgate, Otley, West Yorkshire LS21 3HJ.

PATTERN INFORMATION
For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS
To fit bust 76 [82, 87, 92, 97] cm, 30 [32, 34, 36, 38] in.
Actual size 85 [91, 95, 98, 102] cm, 33½ [36, 37½, 38½, 40] in.
Length to shoulder 69 cm, 27 in.
Sleeve seam 41 cm, 16 in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION
32 stitches and 44 rows to 10 cm, 4 in measured over stocking stitch (tension dial approximately 5).

For perfect results, please check your tension carefully.

KNITTING NOTES
We used knit side of knitting as right side of garment.
Count Ns in NWP as sts throughout.

Cable and Lace Pattern
Transfer st 4 on to N 5 at left and right of centre 0.
Push empty Ns to NWP. Cont in patt from chart over centre 22 Ns. K 84 rows.
Transfer st 4 on to N 5 at left and right of centre 0.
Push empty Ns to NWP. Cont in patt from chart over centre 22 Ns. K 74 rows. Cont in st st.

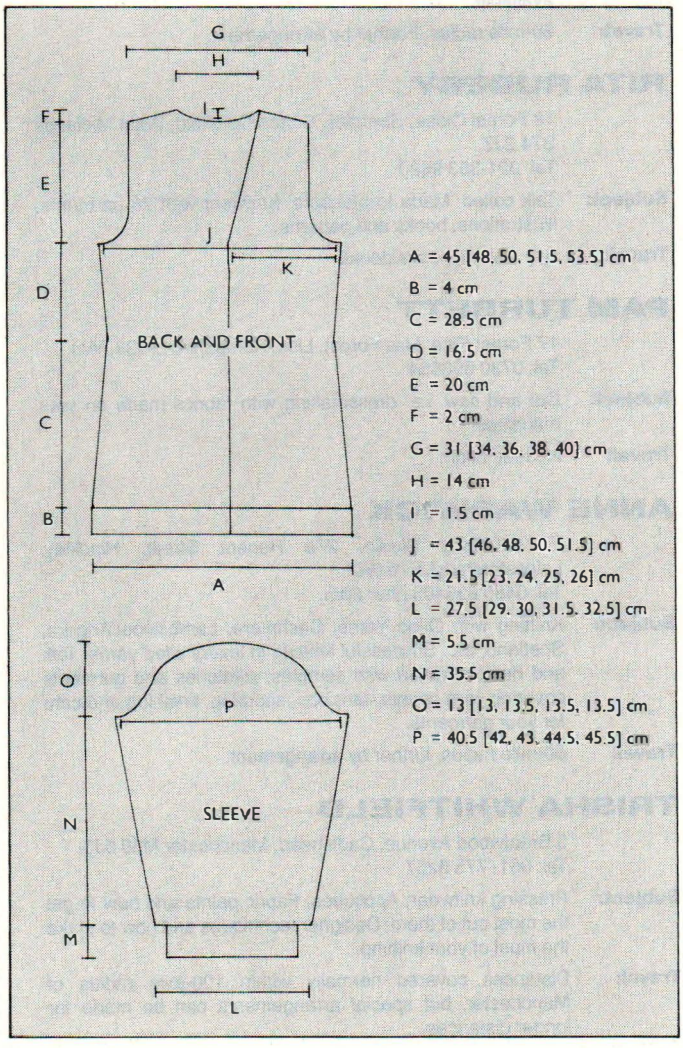
BACK

Push 144 [154, 160, 166, 172] Ns at centre to WP. * Using MT and WY, cast on and K a few rows, ending with carriage at left. Set RC at 000. Using MT–1 and MY, K 20 rows. Using MT–3, K 1 row. Using MT–1, K 20 rows. Using WY, K a few rows and release from machine, leaving Ns in WP. With carriage at left and K side facing, replace sts on to Ns. Make a hem by placing loops of first row worked in MY on to corresponding Ns. Unravel WY when work is completed. Using MT+1 and MY, K 1 row *. Set RC at 000. Using MT, K 70 rows. Shape sides by dec 1 st (2 sts in) at each end of next and every foll 5th row until 120 [130, 136, 142, 148] sts rem. K 27 rows. RC shows 153. Inc 1 st (2 sts in) at each end of next and every foll 5th row until there are 126 [136, 142, 148, 154] sts, then on every foll 4th row until there are 138 [148, 154, 160, 166] sts. K 10 rows. RC shows 198.

Shape Armholes
Cast off 5 sts at beg of next 2 rows and 2 sts at beg of foll 6 rows. Dec 1 st (2 sts in) at each end of next and every foll alt row until 100 [110, 116, 122, 128] sts rem. K 65 rows. RC shows 286.

Shape Shoulders
Cast off 5 [5, 6, 6, 6] sts at beg of next 4 rows.

Shape Neck
Push 55 [60, 61, 64, 67] Ns at left to HP and cont on rem sts for first side. Cast off 5 [5, 6, 6, 6] sts at beg of next row, 4 sts at beg of next row, 5 [5, 6, 6, 6] sts at beg of next row, 2 sts at beg of next



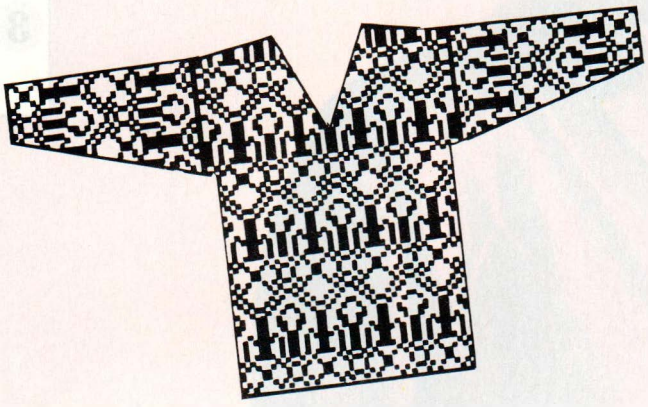
A = 45 [48, 50, 51.5, 53.5] cm
B = 4 cm
C = 28.5 cm
D = 16.5 cm
E = 20 cm
F = 2 cm
G = 31 [34, 36, 38, 40] cm
H = 14 cm
I = 1.5 cm
J = 43 [46, 48, 50, 51.5] cm
K = 21.5 [23, 24, 25, 26] cm
L = 27.5 [29, 30, 31.5, 32.5] cm
M = 5.5 cm
N = 35.5 cm
O = 13 [13, 13.5, 13.5, 13.5] cm
P = 40.5 [42, 43, 44.5, 45.5] cm

Shirt & Leggings, KAYS CATALOGUE. Scarf, BOW BANGLES.

Geometric gallery

REGENCY

Regency style cast-iron garden chairs are the source of inspiration for this month's geometric design from Jane Huntingford. This delicate design can look cool and crisp, or bright and exciting, depending on your colour choice.



Spring time is such a delightful season, when gardens burst into a kaleidoscope of colour after the winter months, with splashes of vibrant contrasts formed by spring flowers against varying shades of green.

This led me to think of ornamental garden furniture and particularly 'Regency' style cast-iron chairs with their heavy ornate patterning.

DESIGN IDEAS

'Regency' is an all-over geometric pattern and is suitable for 24-stitch punchcard and electronic machines. 'Regency' is easily adapted to form an attractive border design by using the all-over repeat once (19 rows).

'Regency' is a versatile, strikingly intricate design and is suitable for making garments for all members of the family. In keeping with the garden theme the colours that I have chosen to use are green and white, which relate to the grass and chair, plus bright purple and yellow representing the colours of spring flowers – crocus and daffodils.

If a more subdued subtle look is required, this can be created by using softer toned colour combinations, or two shades of the same colour.

I have used Brockwell Yarns four-ply Mercerised Cotton for the samples.

SAMPLE 1

(24-stitch Punchcard and Electronic Machines)

'Regency' all-over design using a repeat of 12 stitches and 19 rows. (Jade background: shade 618 with White contrast: shade 613.)

SAMPLE 2

(24-stitch Punchcard and Electronic Machines)

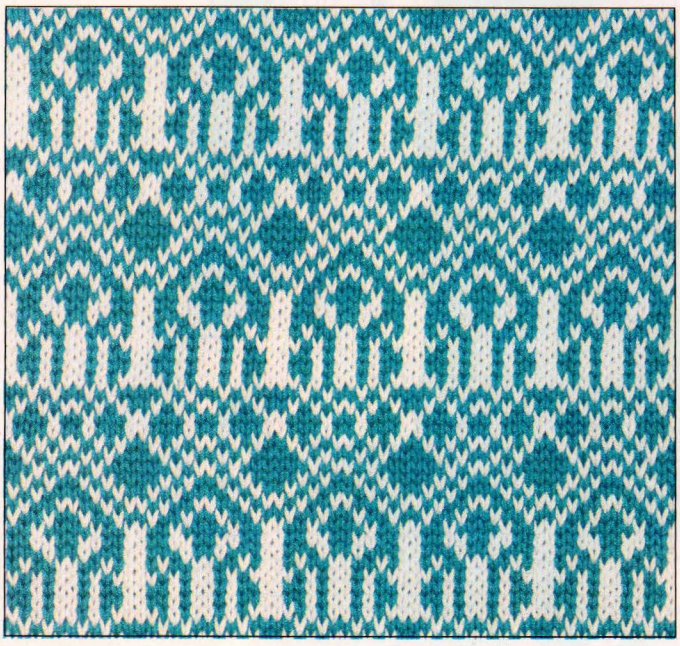
'Regency' all-over design used as a border pattern, by using the first 19 rows of the punchcard chart and, for electronic machines, using the electronic repeat once (19 rows). (Jade background: shade 618 with White contrast: shade 613.)

SAMPLE 3

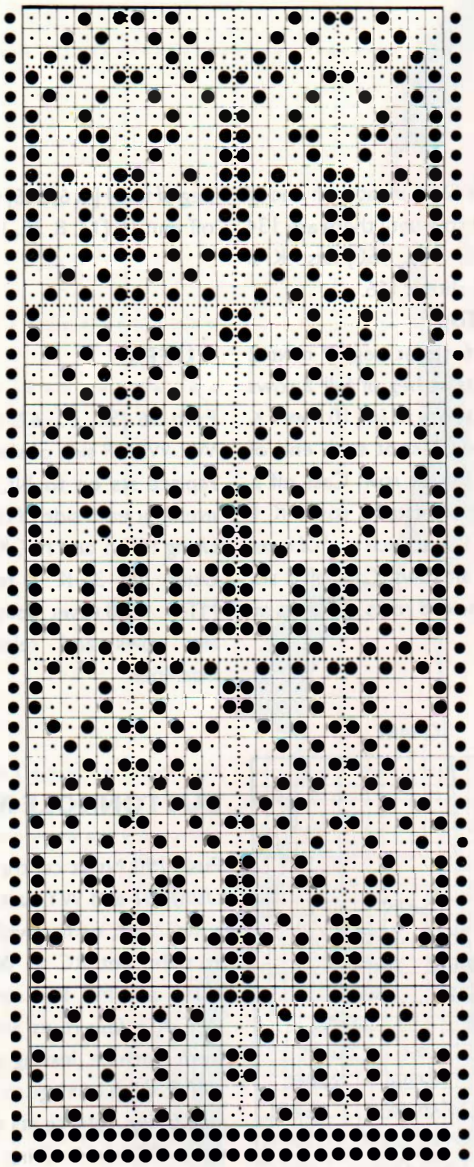
(Electronic Machines)

'Regency' all-over design knitted as a REFLECTION by marking the mylar sheet to knit from bottom to top and then from top to bottom. (Purple background: shade 657 with Marigold contrast: shade 659.)

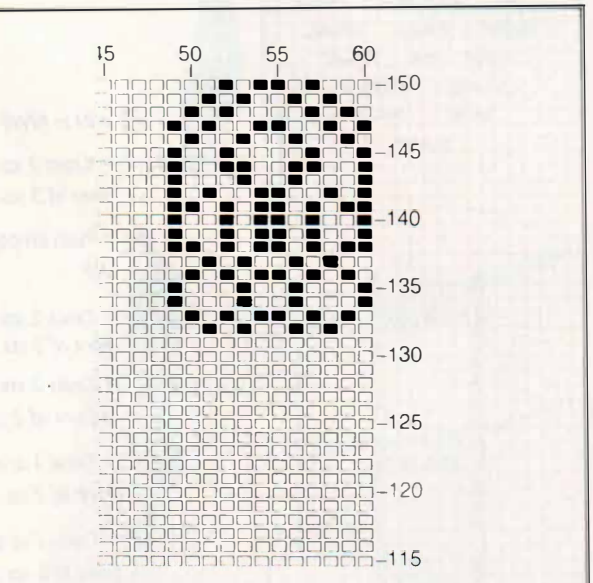
SAMPLE 1



SAMPLE 2

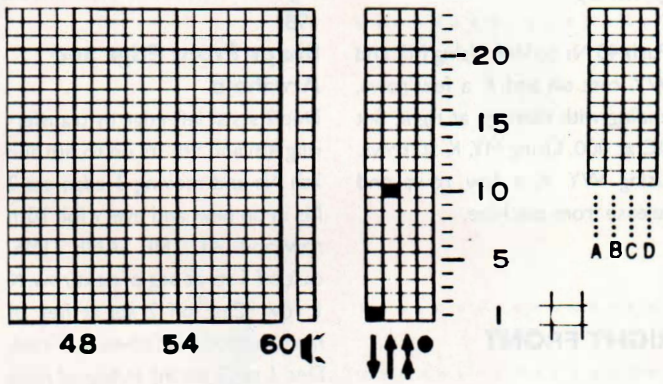


'REGENCY' PUNCHCARD ALL-OVER PATTERN
NOTE: For border pattern, use the first 19 rows.



'REGENCY' ALL-OVER REPEAT
Repeat = 12 stitches and 19 rows.
NOTE: For border use repeat once = 19 rows.

SAMPLE 3



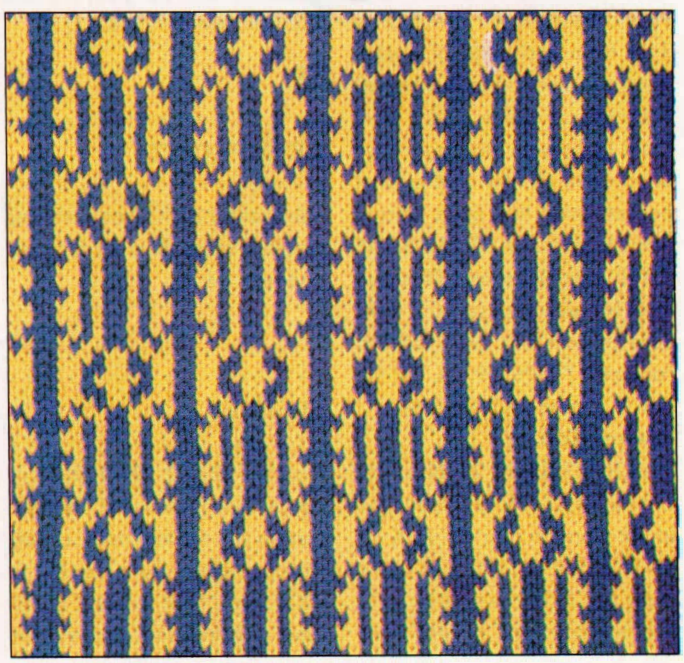
To mark mylar sheet to knit a reflected pattern mark bottom of left hand column and top of second column.

SAMPLE 4

(Electronic Machines)
'Regency' all-over design marking

ROWS 7-14 INCLUSIVE to knit REFLECTED from bottom to top and then from top to bottom. (Marigold background: shade 659 with Purple contrast: shade 657.)

SAMPLE 4



Classic elegance

◀

row, 5 [5, 6, 6, 6] sts at beg of next row and 2 sts at beg of next row. Cast off rem 2 [7, 5, 8, 11] sts. With carriage at right, push 30 Ns at right from HP to UWP. Using WY, K a few rows and release from machine. With carriage at left, push rem Ns from HP to UWP and finish to correspond with first side, reversing shapings.

POCKET LININGS (Knit 2)

Push 40 Ns to WP. Using MT and WY, cast on and K a few rows, ending with carriage at right. Set RC at 000. Using MY, K 50 rows. Using WY, K a few rows and release from machine.

RIGHT FRONT

Push 40 [42, 44, 44, 46] Ns at left and 35 [38, 39, 42, 43] Ns at right of centre 0 to WP. 75 [80, 83, 86, 89] Ns. Work as for back from * to *. Set RC at 000. Using MT, K 38 rows.

Place Pocket Lining

With K side of pocket lining facing, replace sts from first row on to 20 Ns at left and 20 Ns at right of centre 0. K 1 row. Pick up 1 st from each side of pocket lining and place on to N 20 at left and right of centre 0. K 1 row. Cont in this way, picking up edge st on every alt row until edge of pocket lining had been knitted into the front and, AT THE SAME TIME, when RC shows 70, shape sides by dec 1 st (2 sts in) at right edge of next and every foll 5th row until 71 [76, 79, 82, 85] sts rem. K 2 rows. RC shows 88.

Pocket Top

Push 20 [22, 24, 24, 26] Ns at left and 11 [14, 15, 18, 19] Ns at right to HP. Cont on rem 40 Ns. K 15 rows. Using MT–2, K 1 row. Using MT, K 15 rows. Using WY, K a few rows and release from machine, leaving empty Ns in WP. With carriage at right, replace sts from top of pocket lining on to empty Ns. Push Ns from HP to UWP. Reset RC to 88. Cont in cable and lace patt and, AT THE SAME TIME, cont to dec at right edge on every 5th row from previous dec until 63 [68, 71, 74, 77] sts rem. K 27 rows. RC shows 153. Inc 1 st (2 sts in) at right edge of next and every foll 5th row until there are 66 [71, 74, 77, 80] sts, then on every foll 4th row until there are 72 [77, 80, 83, 86] sts. K 10 rows. RC shows 198.

Shape Front Edge and Armhole

Dec 2 sts at left edge by transferring 4th and 5th sts on to 6th and 7th Ns and moving 3 edge sts 2 Ns in on next and every foll 10th row and, AT THE SAME TIME, cast off 5 sts at beg of next row, K 1 row. Cast off 2 sts at beg of next and foll 2 alt rows, K 1 row. Dec 1 st (2 sts in) at beg of next and every foll alt row until 47 [52, 55, 58, 61] sts rem. Cont to dec at front edge on 10th row from previous dec once more, then on every foll 5th row until 27 [32, 35, 38, 41] sts rem. K 12 rows. RC shows 286.

Shape Shoulder

Cast off 5 [5, 6, 6, 6] sts at beg of next and foll 4 alt rows, K 1 row. Cast off rem 2 [7, 5, 8, 11] sts.

LEFT FRONT

Work as for right front, reversing shapings by reading left for right and right for left.

SLEEVES

Push 92 [96, 100, 104, 108] Ns at centre to WP. Using MT and WY, cast on and K a few rows, ending with carriage at right. Set RC at 000. Using MY, K 1 row. Cont in cable and lace patt. Shape sides by inc 1 st (2 sts in) at each end of every 7th row until there are 134 [138, 142, 146, 150] sts. K 8 rows. RC shows 156.

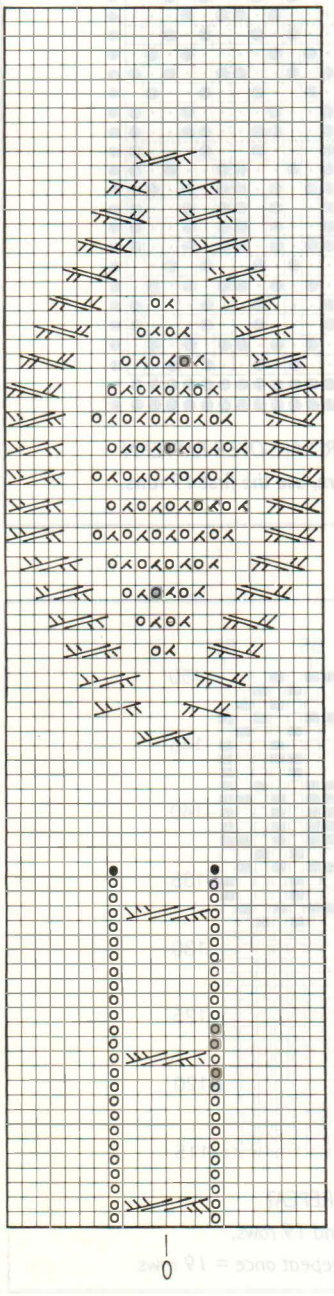
Shape Top

Cast off 6 sts at beg of next 2 rows, 4 sts at beg of foll 2 rows and 2 sts at beg of foll 10 rows. K 1 row. Dec 1 st at each end of next and foll alt row. Cast off 2 sts at beg of next 16 rows. K 1 row. Dec 1 st at each end of next and foll 5 alt rows. Cast off 2 sts at beg of next 8 rows and 5 sts at beg of foll 4 [4, 6, 6, 6] rows. Cast off rem 10 [14, 8, 12, 16] sts.

CUFFS

Push 56 [58, 60, 62, 64] Ns to WP. With P side of sleeve facing, replace sts on to Ns, gathering evenly at each side of cable panel. Using MT–1 and MY, K 28 rows. Using MT–3, K 1 row. Using MT–1, K 28 rows. Using WY, K a few rows and release from machine.

CHART



BUTTONHOLE BAND

Push 190 Ns at centre to WP. * Using MT and WY, cast on and K a few rows, ending with carriage at right. Set RC at 000. Using MT–1 and MY, K 4 rows. Using WY, K a few rows and release from machine, leaving empty Ns in WP. With carriage at left and K side facing, replace sts on to Ns. Reset RC to 4. Using MY, K 8 rows. Make buttonholes over Ns 8 to 12, 28 to 32, 48 to 52, 68 to 72 and 88 to 92 at left and Ns 9 to 13 and 29 to 33 at right of centre 0. K 8 rows. Using MT+2,

KEY

- = N in NWP
- = Cross 3 sts at left in front of 3 sts at right
- = Push empty N to WP
- = Cross 2 sts at left in front of 2 sts at right
- = Cross 2 sts at right in front of 2 sts at left
- = Cross 1 st at left in front of 2 sts at right
- = Cross 1 st at right in front of 2 sts at left
- = Transfer st at left on to N at right, Leave empty N in WP

K 1 row. Using MT–1, K 8 rows. Make buttonholes over same Ns as before. K 8 rows. Make a hem by picking up loops from row 5 and placing on to corresponding Ns *. With P side facing, pick up 190 sts along front edge and place on to Ns. Using MT, K 1 row. Using MT–1, K 4 rows. Using WY, K a few rows and release from machine.

BUTTON BAND

Work as for buttonhole band omitting buttonholes.

NECKBAND

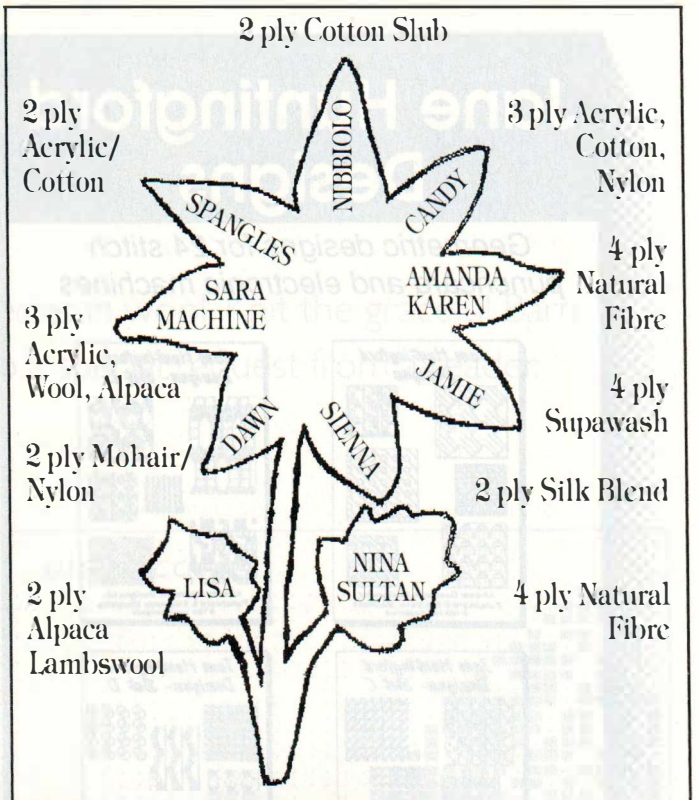
Push 50 Ns to WP. Work as for buttonhole band from * to *, omitting buttonholes. With P side facing, pick up 50 sts around back neck and place on to Ns. Using MT, K 1 row. Using MT–1, K 4 rows. Using WY, K a few rows and release from machine.

PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully, following instructions on cone band.

MAKING UP

Join shoulder, neckband, side and sleeve seams. Set in sleeves, gathering tops. Fold cuffs and pocket tops in half to right side and pin in position. Unravelling WY as required, backstitch through open loops of last row worked in MY. Catch down ends of pocket tops neatly to right side. Pin band edgings into position on right side. Unravelling WY as required, backstitch through open loops of first row worked in MY. Catch down loops of last row on inside very lightly, so that sewing remains invisible. Finish buttonholes and sew on buttons to correspond.



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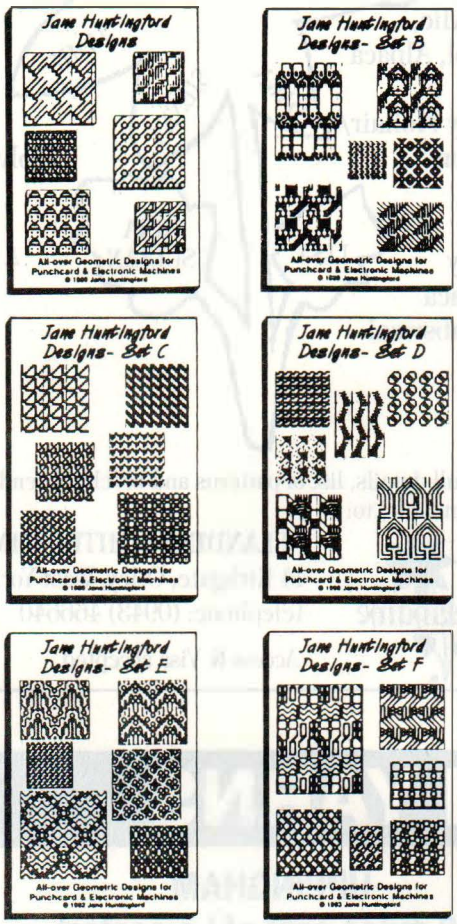
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Knitting club talks: Distance no object - SAE for details

Helpline

Take this opportunity to write in with your machine knitting queries. Hazel Ratcliffe will pass on her expert advice for the benefit of other readers.

GARTER BARS AND GARTER CARRIAGES

A new knitter wrote to us because she is in the process of choosing a knitting machine and she wants to know what the difference is between a garter carriage and a garter bar.

A garter bar is a set of comb-like pieces of various sizes and these are used, together with another bar which has teeth, to turn the knitting in one piece. The combs take the stitches and hold them whilst you turn the work and the other piece holds the needles in place during this operation. For small numbers of stitches there is a small comb and this can be joined to larger combs for more stitches. Obviously the more stitches you are working on the larger you need the comb to be. There is a knack to using the garter bar and the best way to learn is for someone who can use one to show you. The majority of garter bars come with clear instructions and it is mostly a matter of practice.

WHICH MACHINES?

In answer to another reader query about the use of the garter bar, the garter bar can be used on all the standard gauge single beds and is not limited to one make of machine.

THE GARTER CARRIAGE

The garter carriage is a Jones Brother product and can only be used on certain models in the Brother range. Check before buying to be certain that you can use it on your machine. The garter carriage is a wonderful piece of equipment that will knit garter stitch for you all on its own. You do have to stop it to do the increases and decreases (shame) and the casting on and off, but for the straight bits of both plain garter stitch and some very beautiful patterns it will knit merrily away on its own. It knits quite slowly and your machine is therefore out of use to you whilst it is in operation, which is as good a reason as any I have heard for having a second machine!

There are some excellent patterns and books available now for the garter carriage and as with all accessories it will earn its keep if you learn how to use it properly and keep it well maintained.

RADARS

Mrs Connolly from Sutton-On-Sea wrote to us about radar patterns. She says 'I want to draw my own patterns for the radar and would like to draw both half and quarter scale patterns. Am I correct that for half scale, when drawing front and back only, I divide the measurement by four, that is, a 40 centimetre chest front is divided by two, since only half the pattern is drawn and then by half again to give half scale. Whereas, for the length, you divide by two only, to get half scale? When this is done it looks very elongated but I think it must be correct. For the sleeve I presume I would divide by two to get half width as only half the sleeve is drawn and then half of the length for half scale in the length?'

Yes, you have got it right Mrs Con-

We'll be pleased to hear from anyone who has a specific query on any knitting machine, whether it be a standard, chunky, DK or fine gauge; manual, punchcard or electric model. Your questions might concern a knitting technique, patterning query, use of one of the accessories, or a general problem you are experiencing. Don't forget, it doesn't matter whether you are an experienced knitter or just starting out as a beginner to machine knitting – your query might help others too! Please send your letters to Hazel Ratcliffe at Modern Knitting Helpline, MMK, 17 Grove Park, Waltham Road, White Waltham, Maidenhead, Berkshire SL6 3LW. We'll send a Modern Knitting binder to readers whose letters we publish.

nolly and it sounds much more complicated than it is. It is easiest for me if I think that I am halving whatever is on the paper. Therefore, if only half the pattern is drawn and I halve it, it is actually a quarter of the total knitted piece. Once drawn, if you reverse the sums to see what finished measurement you will end up with, you will soon tell if you have got it correct.

SAME POST

In the same batch of post came a letter of encouragement for potential charting device users. Mrs Harwood of Sevenoaks, Kent says that she had all kinds of problems with tension and tension swatches until she was persuaded to use her radar and she points out that she has never looked back since and had no more problems with garments not fitting. She says that when she does draw her own basic blocks, she never includes the ribs or welts because they do vary according to the type of garment being knitted. Mrs Harwood says that she has basic blocks for all the family and she re-negotiates the ribs or welts with each new garment. This is a useful tip which does away with the question 'Which line did I start at, was the first line the top or the bottom of the rib?'. If you always stick to the same system there will never be any doubt.

TROUBLE WITH COTTON

Mrs Rita Beaumont from Cambridge wrote to us and said that she was having problems knitting with cotton.

She says, 'I have a Zippy Plus standard gauge machine and I am a fairly new knitter. I recently purchased a cone of white mercerised cotton hoping to knit a summer top. On knitting the welt, the ribber stitches were so tight that they would not come off the needles and it was so erratic that the small amount it did knit was all pulled. Stocking stitch was a little better but not satisfactory and it made my arm ache to knit. Can you explain the reason for this. I was knitting the welt on tension 4 and the stocking stitch on a 7. Could you also advise me please which is the best and softest cotton fabric which may go through my machine. I would just like to say how much I am enjoying *MMK* and can't wait for the next edition to come.'

Thank you for your kind comments Rita and sorry that you are having problems with your cotton knitting. It is almost certain that the problem is with the yarn and not your machine. As you say that you are a new knitter I should just check that your machine is properly cleaned and oiled. If you have been knitting something a bit fluffy or hairy and have then gone straight on to the cotton there is the chance that the machine needs the needles clearing from fluff and so on, with the old oil removed and new oil applied.

You do not mention the thickness of the yarn but I presume that you have tried higher tensions with no luck. For a successful summer top, or indeed any cotton garment, my advice to you would be to find a pattern in a book or magazine and try to buy the exact yarn they state in the pattern. Make sure that your machine is clean and oiled and knit as close as possible to the tension suggested in the pattern. There are some lovely cottons available on cone for machine knitters. You will soon gain enough experience and confidence to experiment with unknown yarns but to begin with stay with a well known brand for which a specific pattern has been produced. Good luck.

October competition winners

The solution to our October competition was **Silver Reed.**

Judging by the number of entries received, the Silver Reed 280 punchcard machine is a very desirable addition to every knitters 'fleet', whether beginner or expert knitter.

Our congratulations go to Mrs V. Lavelle of Billingham, Cleveland, the lucky reader whose correct answer was the first out of our bulging post bag. We are sure that you will spend many happy hours creating some superb garments on your wonderful new machine.

Ten subscriptions for one year of happy reading with *Modern Machine Knitting* go to: Mrs L. Bartlett of Chulmleigh, Mrs D. Matheson of Prescot, Mrs P. A. Leachman of London, Mrs Jean Duncan of Ayr, Mrs Shirley Ryan of Weymouth, Mary Cunningsworth of Canterbury, Mrs Jean E. Rynott of Rugby, Mrs S. Osborne of Marham, Margaret Cansey of Truro and Mrs P. Morris of the Isle of Wight.

MMK CLUB DIRECTORY

To: The Editor, Modern Machine Knitting, 17 Grove Park, Waltham Road, White Waltham, Maidenhead SL6 3LW

Please enter our Club in the Modern Knitting Club Directory ☐

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Please include only one entry on this form and print the details on plain paper if you prefer not to cut your magazine. 20129

Cool cotton

Start knitting your holiday wardrobe now with this lovely cardigan and top, brought to you by Emu, knitted in their Cottons On DK.

pattern 4

PATTERN RATING
** Fairly easy for knitters with some experience.

MACHINES
This pattern is suitable for 6.5 mm double knitting machines.

MATERIALS
Emu Cottons On DK. (Yarn Guide No. 13.).
Cardigan
6 [7, 8, 9] x 50g balls in Ecru (MC).
A small amount in Lemon, Peach and Green for embroidery.
8 buttons.
Sleeveless Top
5 [6, 7, 8] x 50g balls in White (MC).
A small amount in Lemon and Peach for embroidery.
Both Garments
Pair of 3 1/4 mm knitting needles.

The fibre content of this yarn is 70% Cotton, 30% Acrylic. For further information about this yarn, please write to the following address:- Robert Glew & Co. Ltd., Leeds Road, Greengates, Bradford BD10 9TE.

PATTERN INFORMATION
For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS
To fit bust 71-76 [82-87, 92-97, 102-107] cm, 28-30 [32-34, 36-38, 40-42] in.
Actual size 82 [93, 102, 113] cm, 32 1/2 [36 1/2, 40, 44 1/2] in.
Length to shoulder 53 [56, 58, 61] cm, 21 [22, 23, 24] in.
Cardigan sleeve seam 9 [10, 11, 13] cm, 3 1/2 [4, 4 1/2, 5] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION
22 stitches and 30 rows to 10 cm, 4 in measured over stocking stitch (tension dial approximately 5).

For perfect results, please check your tension carefully.

KNITTING NOTES
We used knit side of knitting as right side of garments.

CARDIGAN

BACK

Push 93 [105, 115, 127] Ns to WP. Using MT and WY, cast on and K a few rows, ending with carriage at right. Set RC at 000. Using MC, K 66 rows.

Shape Armholes
Cast off 5 sts at beg of next 2 rows. Dec 1 st at each end of next and every foll alt row until 69 [79, 87, 97] sts rem *. K 45 [53, 57, 63] rows. RC shows 126 [136, 142, 150]. Place marker at each side of centre 35 [39, 41, 45] sts. Cast off.

RIGHT FRONT

Push 44 [50, 55, 61] Ns to WP. Using MT and WY, cast on and K a few rows, ending with carriage at right. Set RC at 000. Using MC, K 66 rows.

Shape Armhole
Cast off 5 sts at beg of next row. K 1 row. Dec 1 st at armhole edge of next and every foll alt row until 32 [37, 41, 46] sts rem. K 2 [10, 14, 20] rows.

Shape Neck
Cast off 5 [7, 8, 10] sts at beg of next row. Dec 1 st at neck edge of next and every foll alt row until 17 [20, 23, 26] sts rem. K 23 rows. RC shows 126 [136, 142, 150]. Cast off.

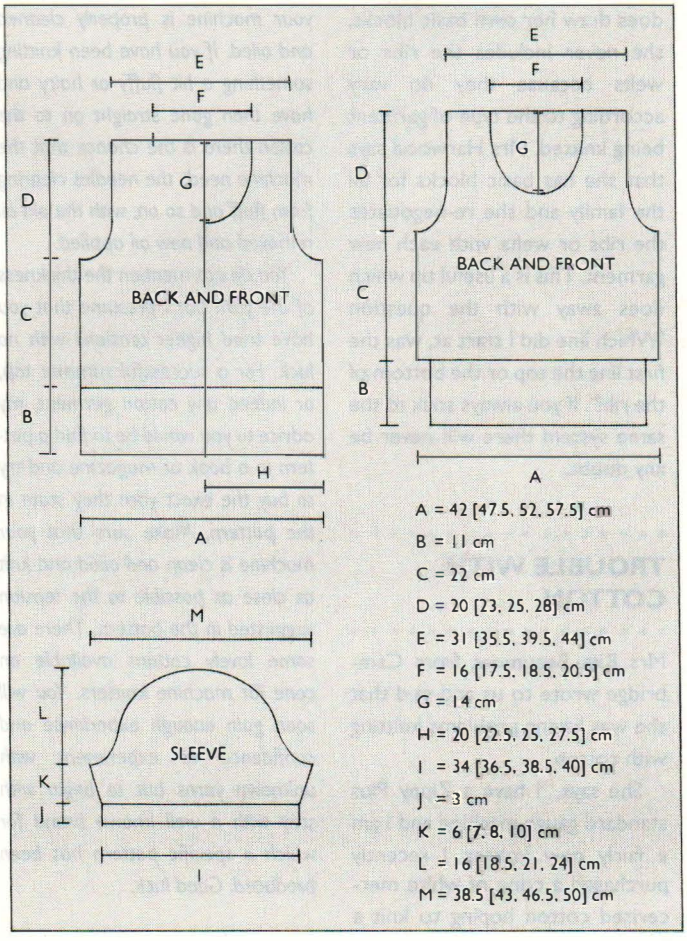
LEFT FRONT

Work as for right front, reversing shapings by reading left for right.

SLEEVES

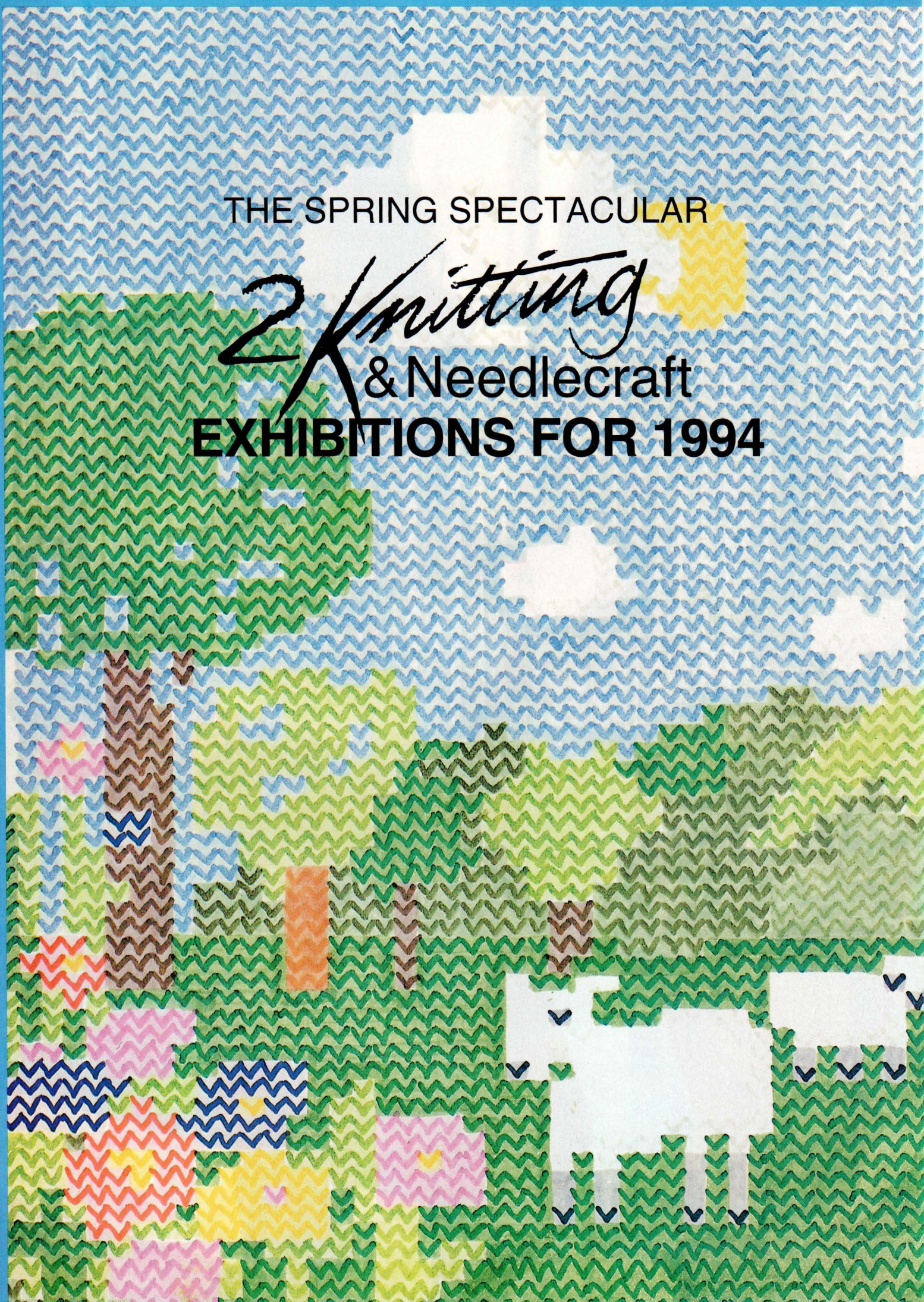
Push 75 [81, 85, 89] Ns to WP. Using MT and WY, cast on and K a few rows, ending with carriage at right. Set RC at 000. Using MC, K 2 rows. Shape sides by inc 1 st at each end of next and every foll alt row until there are 85 [95, 103, 111] sts. K 7 [7, 5, 7] rows. RC shows 18 [22, 24, 30].

Shape Top
Cast off 5 sts at beg of next 2 rows. Dec 1 st at each end of next and every foll alt row until 39 [43, 43, 43] sts rem, then on every row until 17 sts rem. Cast off.



Reproduced courtesy EMU WOOLS.

pattern 4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Spring SPECTA

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Nationwide Exhibitions bring the 10th Southern Knitting & Needlecraft Exhibition to Bristol from 18th to 20th March, so knitters in the South West have a great opportunity to brush up their inspiration, find out what's new and stock up with the bargains.

Then there's the fashion show, the demonstrations and workshops and the chance to take a look at other people's needlecraft hobbies as well as the thrill of possibly winning one of the free draws and competitions that are exclusive to show visitors. Companies large and small will show you anything from an electronic machine to a needle, so if you love your knitting and sewing, you'll love "The Southern".

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Azza	C26
Barbara Faulkner	A27
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Bee Bee Wools	C6
Betty Foster	TBA
Black Sheep Wools	C3
Busy Bee Basics	B42
Button Lady	C1
Cabouchon	B31a
Cargoes	C24
Carl Boyd Designs	B11a
Central Promotions	B9b
Cheltenharn Sewing & Knitting Centre	A26
Choices	C32
Christiana Wools	A29
Cloth Market of Stamford	B10
Cloth Shop	B5
Colinette Yarns	B4
Craft Lines	C4
DesignaKnit	C27
Diane Dorward	B48b
Easy Draper	B47
Empress Mills Ltd	B34a
Fabric Colour Workshop	B20
Fascination Ltd	A25
Fashion Magic	B60
Fashion Theatre Co	C14
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IRIS BISHOP

Stand B48a

Celtic Inspiration is the title of Iris's new collection for this season. It contains her classic tunic-style sweater and jacket patterns together with a collection of fabric and border designs in her unmistakable style with 'short floats' for comfort. Iris's new designs and ideas for using fabric dyes and paints will also be available so don't miss her stand for some special inspiration.

IRIS BISHOP DESIGNS, 64 Ifield Road, West Green, Crawley, W. Sussex RH11 7BQ

CARL BOYD DESIGNS

Stand B11a

This is the first showing at this venue of Carl's fourth collection. There are eight designs in single leaflet form, retailing at 95p each, or the collection of eight for £6.00. This year, three of the designs will be available in kit form. Also at the show will be his, now famous, **Cut & Sew Template,** still retailing at just £4.95.

CARL BOYD DESIGNS, 1 Coulsons Place, Penzance, Cornwall TR18 4DY. Tel: 0736 62538

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CULAR

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Stand B58

Felicity Lodge of **Clouds Original Designs** is pleased to add three new books to the growing range of Clouds machine knitting pattern books.

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CLOUDS, 6B Littlebrook Centre, Melksham, Wiltshire SN12 6LP
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DESIGNAKNIT
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Stand C27

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DESIGNAKNIT, Soft Byte Ltd, Quarry Lane, Nantmawr, Oswestry, Shropshire SY10 9HH. Tel: 0691 828556 Fax: 0691 828195

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Home Workshop	C41
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Iris Bishop	B48a
Jacpacs	B66
John Promotions	B23
Karis Craft Collection	C18
Kate Arklay Designs	B22a
La Riviere	B1a
Limited Editions	A34
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Machine Knitters Co	C18a
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Meg Designer Knitwear	B10
Micdor Enterprises	C34
Mohair Producers	A22a
Nature Knits	C15D
Nina Miklin Ltd	A15a
OSA	C31a
Overseas Exports	B36
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PDB Engineering	C25
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Pinflair	B38
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Regency Arans	B35
Ridgeway Yarns	C31
Riverside Spinning Co Ltd	A10
RKM Wools	C7/C9
Sewers & Knitters	B1
Singer UK Ltd	A31
Spiders Web	F5
Stitches of Halifax	C5
Supermend	C33
Sussex Needlecraft	A21
Sylvia Clarke	C31b
Texere Yarns	C40
Tudor Jane	B14
Turner Promotions	A14a, A14b
Undy Yarns	B26
Uppingham Yarns	C20
Valentines Confectionery	TBA
Victor Wholesale	A9
Viking Husqvarna	A24
Websters Punch	A8, A11
The Wendy House	A30a
William Selkin Limited	B67, A12
Wool & Cotton	B7
Woolley Soft Ware	A5a
Worth Fibres	B54

Spring SPECTACULAR

Fran Francis

Fran Francis **Stand B9a**

For this show, Fran has added ten new leaflets to her range of punch-card and electronic pattern books for Japanese standard gauge knitting machines. There are four new designs for the Garter Carriage and six for children. See the whole range on the stand.

FRAN FRANCIS, 27 Berryhead Road, Brixham, Devon TQ5 9AA.
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Stand B66

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BACK WELT

With K side facing and using 3 1/4 mm needles and MC, pick up and K 93 [105, 115, 127] sts along lower edge of back.
1st Rib Row: P 1, * K 1, P 1; rep from * to end.
2nd Rib Row: K 1, * P 1, K 1; rep from * to end.
Rep these 2 rows until welt measures 11 cm, 4 1/2 in. Cast off in rib.

FRONT WELTS

With P side facing and using 3 1/4 mm needles, pick up 44 [50, 55, 61] sts along lower edge of front. With K side facing and using MC, K 1 row, dec 1 st at side edge on 1st and 2nd sizes. 43 [49, 55, 61] sts. Cont in rib as for back welt until welt measures 11 cm, 4 1/2 in. Cast off in rib.

CUFFS

With P side facing and using 3 1/4 mm needles, pick up 75 [81, 85, 89] sts along lower edge of sleeve. With K side facing and using MC, K 1 row dec 12 [14, 14, 14] sts evenly. 63 [67, 71, 75] sts. Cont in rib as for back welt until cuff measures 3 cm, 1 in. Cast off in rib.

NECKBAND

Join shoulder seams. With K side facing and using 3 1/4 mm needles and MC, pick up and K 45 [46, 47, 48] sts evenly up right side of neck, 35 [39, 41, 45] sts across back neck and 45 [46, 47, 48] sts evenly down left side of neck. 125 [131, 135, 141] sts. K 3 rows. Cont in rib as for back welt starting with a 2nd rib row. Work 6 rows. Cast off in rib.

RIGHT FRONT BORDER

With K side facing and using 3 1/4 mm needles and MC, pick up and K 30 sts evenly along rib, 78 [88, 92, 102] sts evenly up right front and 7 sts evenly along neckband. 115 [125, 129, 139] sts. K 3 rows. Cont in rib as for back welt starting with a 2nd rib row. Work 1 row.
1st Buttonhole Row: Rib 4 [4, 3, 3], cast off 2 sts, (rib 14 [16, 17, 19], cast off 2 sts) 5 times, (rib 7, cast off 2 sts) twice, rib 3.
2nd Buttonhole Row: Rib 4, cast on 2 sts, (rib 8, cast on 2 sts) twice, (rib 15 [17, 18, 20], cast on 2 sts) 5 times, rib to end. Work 3 rows. Cast off in rib.

LEFT FRONT BORDER

Work to match right front border omitting buttonholes.

PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully following instructions on ball band.

MAKING UP

Set in sleeves. Join side and sleeve seams. Sew on buttons. Using bullion st, embroider flowers around neckline as shown.

TOP

BACK

Work as for back of cardigan.

FRONT

Work as for back of cardigan to *. K 3 [11, 15, 21] rows.

Shape Neck

Push 42 [49, 54, 61] Ns at left to HP and cont on rem sts for first side. K 1 row. Dec 1 st at neck edge of next and every foll alt row until 17 [20, 23, 26] sts rem. K 22 rows. Cast off. With carriage at right, push 15 [19, 21, 25] Ns at right from HP to UWP. Using WY, K a few rows and release from machine. With carriage at left, push rem Ns from HP to UWP and finish to correspond with first side, reversing shapings.

WELTS

With P side facing and using 3 1/4 mm needles, pick up 93 [105, 115, 127] sts along lower edge. With K side facing and using MC, K 1 row, dec 10 [12, 10, 12] sts evenly. 83 [93, 105, 115] sts.
1st Rib Row: P 1, * K 1, P 1; rep from * to end.
2nd Rib Row: K 1, * P 1, K 1; rep from * to end.
Rep these 2 rows until welt measures 11 cm, 4 1/2 in. Cast off in rib.

NECKBAND

Join right shoulder seam. With K side facing and using 3 1/4 mm needles and MC, pick up and K 40 sts evenly down left side of neck, 15 [19, 21, 25] sts across front neck, 41 sts evenly up right side of neck and 35 [39, 41, 45] sts across back of neck. 131 [139, 143, 151] sts. K 3 rows. Cont in rib as for welts, starting with a 2nd rib row. Work 6 rows. Cast off in rib.

ARMBANDS

Join left shoulder and neckband seam. With K side facing and using 3 1/4 mm needles and MC, pick up and K 111 [125, 139, 153] sts evenly around armhole edge. Cont in rib as for welts. Work 8 rows. Cast off in rib.

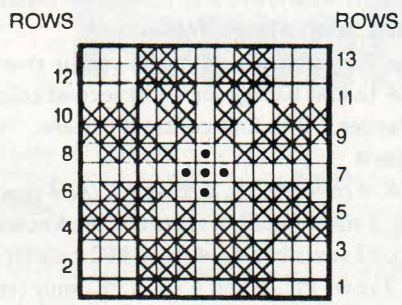
PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully, following instructions on ball band.

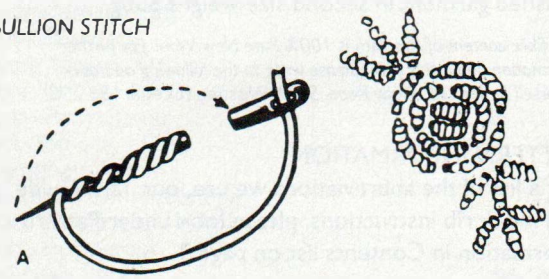
MAKING UP

Join side and armband seams. Using cross stitch, embroider flowers around neckline as shown on chart.

CHART



BULLION STITCH



Pick up a back stitch the size of bullion required bringing needle out where needle first emerged. Twist thread over needle to equal space of stitch. Hold left thumb on the coiled thread, and pull needle through, turn needle back to where needle was inserted (see arrow) and insert in same place (A). Pull thread through. Use a needle with a small eye to allow thread to pass through the twists easily.

Feminine Fair Isle

Equally at home teamed with a long, softly gathered skirt or cosy warm trousers, this beautiful Fair Isle sweater is designed for our readers by Fran Francis in Forsell Pure New Wool 4-ply.

BACK

With carriage at right and using MC, cast on 160 [174, 190] sts at centre in 1x1 rib. K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT–6/MT–6, K 36 rows. Transfer sts for st st. Insert card and lock on first row. Set RC at 000. Using MT, K 4 rows. Release card and cont in Fair Isle patt *. K 196 rows. RC shows 200.

Shape Neck

Note patt row on card. Push 105 [112, 120] Ns at left to HP and cont on rem sts for first side. K 1 row. Push 1 N at neck edge to HP on next 5 rows. 50 [57, 65] sts. Using WY, K a few rows in st st and release from machine. With carriage at right and using a transfer tool, push 55 [62, 70] Ns at left from HP to WP. Lock card on number previously noted. Take carriage to left without knitting. Release card and cont in Fair Isle patt. Finish to correspond with first side, reversing shapings. Push rem Ns from HP to UWP. Using WY, K a few rows and release from machine.

FRONT

Work as for back to *. K 170 rows. RC shows 174.

Shape Neck

Note patt row on card. Push 95 [102, 110] Ns at left to HP and cont on rem sts for first side. K 1 row. Push 1 N at neck edge to HP on next 15 rows. 50 [57, 65] sts. K 16 rows. Using WY, K a few rows in st st and release from machine. With carriage at right and using a transfer tool, push 65 [72, 80] Ns at left from HP to WP. Lock card on number previously noted. Take carriage to left without knitting. Release card and cont in Fair Isle patt. Finish to correspond with first side, reversing shapings. Push rem Ns from HP to UWP. Using WY, K a few rows and release from machine.

SLEEVES

With carriage at right and using MC, cast on 76 sts at centre in 1x1 rib. K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT–6/MT–6, K 30 rows. Transfer sts for st st. Insert card and lock on first row. Set RC at 000. Using MT, K 4 rows. Release card and cont in Fair Isle patt. Shape sides by inc 1 st at each end of next and every foll 4th row until there are 104 sts, then on every foll 3rd row until there are 150 sts. Cont in st st and MC. K 10 rows. RC shows 136. Cast off.

TO JOIN RIGHT SHOULDER

Push 50 [57, 65] Ns to WP. With K side of right back shoulder

pattern 5

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for standard gauge punchcard or electronic machines with a ribber.
If you don't have a ribber, work ribs in mock rib.

MATERIALS

Forsell 4-ply Pure New Wool. (Yarn Guide No. 11.)
1 x 500g cone in Ivory (MC).
1 x 500g cone in Amethyst (A).
1 x 500g cone in Sage (B).
1 x 500g cone in Dusky Pink (C).

GARMENT WEIGHT

Finished garment in second size weighs 530g.

The fibre content of this yarn is 100% Pure New Wool. For further information about this yarn, please write to the following address:- T. Forsell & Son Ltd., Blaby Road, South Wigston, Leicester LE8 2SG.

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS

To fit bust 76-82 [87-92, 97-102] cm, 30-32 [34-36, 38-40] in.
Actual size 109 [119, 129] cm, 43 [47, 51] in.
Length to shoulder 63.5 cm, 25 in.
Sleeve seam 43.5 cm, 17 in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

29 stitches and 37 rows to 10 cm, 4 in measured over Fair Isle pattern (tension dial approximately 9).

For perfect results, please check your tension carefully.

KNITTING NOTES

We used knit side of knitting as right side of garment. Before knitting, prepare any punchcards or electronic sheets needed, from the charts provided. Note that punchcard patterns, as shown, may have to be repeated until the card is a suitable length for knitting.
Knit two colour Fair Isle rows with first colour given in back feeder 1/A to knit background and second colour given in front feeder 2/B to knit contrast pattern.

Fair Isle Pattern

K 3 rows MC/A, 4 rows MC/B, 3 rows MC/A, 4 rows MC only (st st), 3 rows MC/B, 3 rows MC/A, 4 rows MC only (st st), 13 rows MC/C, 4 rows MC only (st st), 3 rows MC/A, 3 rows MC/B and 4 rows MC only (st st). These 51 rows form pattern.

Skirt, Shoes & Hat, NEXT. Scarf, BOW BANGLES. Tights, GOLDEN LADY.

40 ▶

pattern 5

King of diamonds

Diamonds will be your man's best friend this winter with this stylish stocking stitch sweater from Jane Chadwick. Make the most of a little hand-tooling to create a unique masculine design in Spectrum Detroit DK.

pattern 6

PATTERN RATING
** Fairly easy for knitters with some experience.

MACHINES
This pattern is suitable for chunky machines with a ribber.

MATERIALS
Spectrum Detroit DK. (Yarn Guide No. 15.)
5 [5, 6, 6] x 100g balls in Natural (MC).
A small amount in Cognac (C).

GARMENT WEIGHT
Finished garment in second size weighs 465g.

The fibre content of this yarn is 100% Acrylic. For further information about this yarn, please write to the following address:- Spectrum Yarns, Spa Mills, New Street, Slaithwaite, Huddersfield HD7 5BB.

PATTERN INFORMATION
For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS
To fit chest 97 [102, 107, 112] cm, 38 [40, 42, 44] in.
Actual size 120 [125, 130, 135] cm, 47½ [49½, 51½, 53] in.
Length to shoulder 73.5 [73.5, 75.5, 75.5] cm, 29 [29, 30, 30] in.
Sleeve seam 48 cm, 19 in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION
16 stitches and 26 rows to 10 cm, 4 in measured over stocking stitch (tension dial approximately 4).

For perfect results, please check your tension carefully.

KNITTING NOTES
We used knit side of knitting as right side of garment.

BACK

Push 98 [102, 106, 110] Ns at centre to WP. Using MT and WY, cast on and K a few rows ending with carriage at right. Set RC at 000 *. Using MC, K 106 rows. Place marker at each end. K 74 [74, 78, 78] rows. RC shows 180 [180, 184, 184]. Using a length of MC, cast off centre 38 sts. Push 30 [32, 34, 36] Ns at left to HP. Using WY, K a few rows over rem Ns and release from machine. Push Ns at left from HP to UWP. Using WY, K a few rows and release from machine.

FRONT

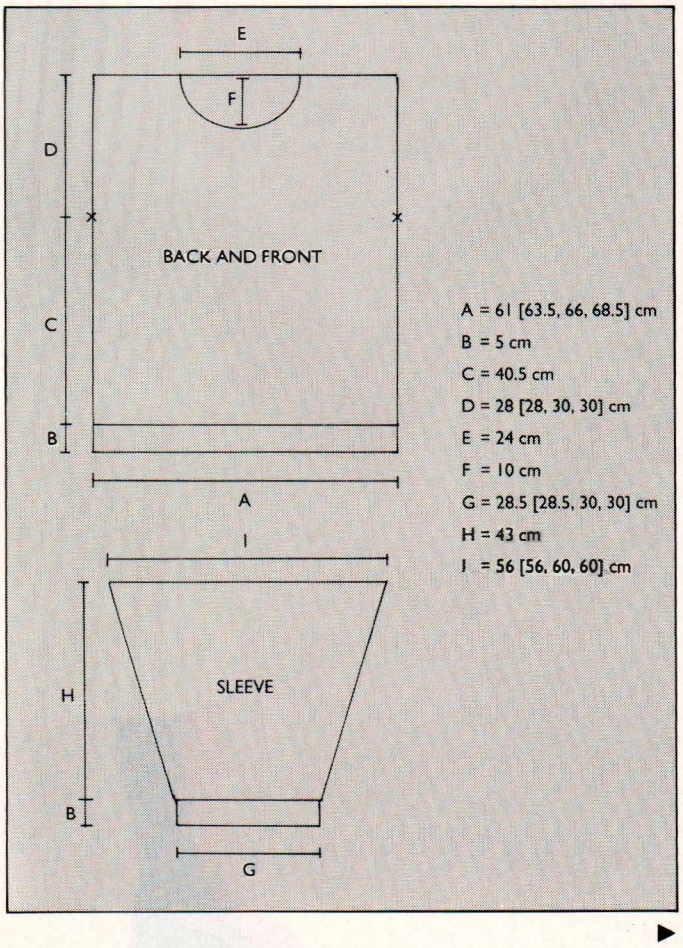
Work as for back to *. Using MC, K 26 rows. Cont in cable patt from chart 2 over centre 18 Ns. K 25 rows. Cont in st st, K 20 rows. Cont in cable patt from chart 2 over centre 18 Ns, K 25 rows. Cont in st st. K 10 rows. RC shows 106. Place marker at each end. K 10 rows. Cont in cable patt from chart 2 over centre 18 Ns. K 25 rows. Cont in st st. K 13 [13, 17, 17] rows. 26 rows less have been worked to shoulder than on back.

Shape Neck

Push 57 [59, 61, 63] Ns at left to HP and cont on rem sts for first side. Dec 1 st at neck edge on every row until 33 [35, 37, 39] sts rem, then on every foll 3rd row until 30 [32, 34, 36] sts rem. K 9 rows. Using WY, K a few rows and release from machine. With carriage at right, push 16 Ns at right from HP to UWP. Using WY, K a few rows and release from machine. With carriage at left, push rem Ns from HP to UWP. Finish to correspond with first side, reversing shapings.

SLEEVES

Push 46 [46, 48, 48] Ns at centre to WP. Using MT and WY, cast on and K a few rows ending with carriage at right. Set RC at 000. Using MC, shape sides by inc 1 st (3 sts in) at each end of every 5th [5th, 4th, 4th] row until there are 66 [66, 72, 72] sts, then on every foll 5th row until there are 70 [70, 76, 76] sts. K 2 [2, 4, 4] rows. RC shows 62. Cont in cable patt from chart 2 over centre 18 Ns and, AT THE SAME TIME, cont to inc on every 5th row from previous inc until there are 80 [80,



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Feminine Fair Isle

facing, replace sts on to Ns. With P side of right front shoulder facing, replace sts on to same Ns. Unravel WY. Using MT and MC, K 1 row. Cast off.

NECKBAND

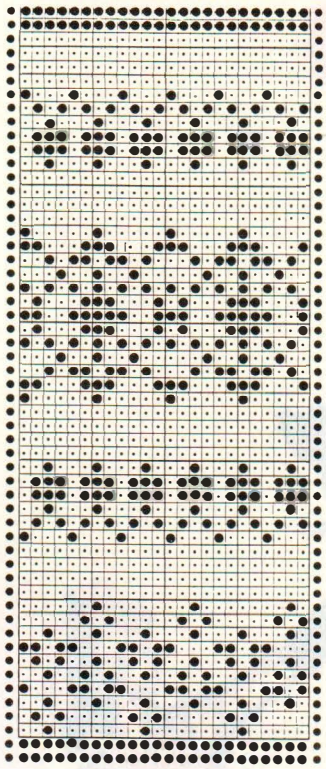
Push 156 Ns to WP. With K side facing, pick up 156 sts around neck edge and place on to Ns. Unravel WY. Set RC at 000. Using MT and MC, K 1 row. Transfer sts for 1x1 rib. Using MT–6/MT–6, K 24 rows. Transfer sts for st st. Using MT, K 1 row. Using WY, K a few rows and release from machine.

TO JOIN LEFT SHOULDER

Work as for right shoulder, reading left for right.

PRESSING

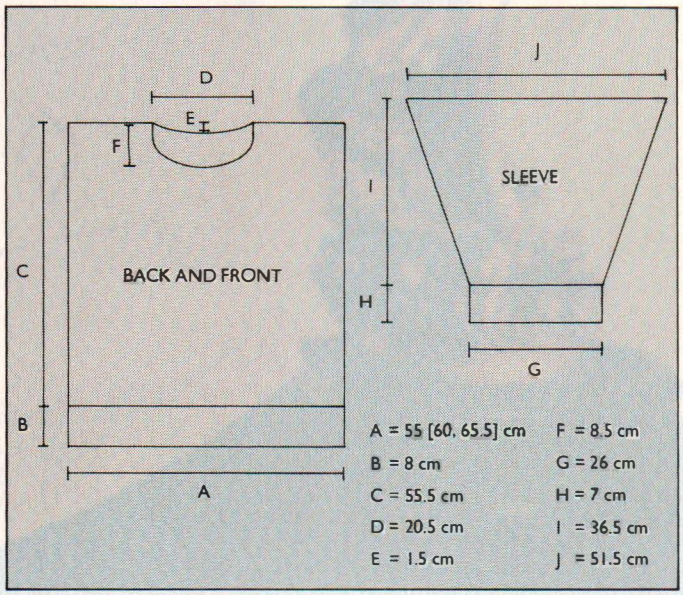
With wrong side facing, pin out all pieces to measurements given. Press carefully, following instructions on cone band.



PUNCHCARD CHART

MAKING UP

Set in sleeves, matching centre to shoulder seams. Join side, sleeve and neckband seams. Fold neckband in half to right side and pin in position. Unravelling WY as required, backstitch through open loops of last row worked in MC.



A = 55 [60, 65.5] cm
B = 8 cm
C = 55.5 cm
D = 20.5 cm
E = 1.5 cm
F = 8.5 cm
G = 26 cm
H = 7 cm
I = 36.5 cm
J = 51.5 cm

Finishing touch

KNITTING WITH THE KR11

Once the garment pattern is drawn on to the sheet we are ready to knit, or are we? This month Angela takes us through the pre-knitting planning and then gets down to the job of knitting a sweater.

We knitted our tension swatch, measured it and made a note of the number of stitches and rows in ten centimetres. It is important to make notes of tensions, including the dial number used, for later reference. The stitches are no problem as once we have chosen the correct scale, it will remain in position throughout the knitting of the garment, even if it takes many days!

The number of rows are a different matter – every time the KR11 is turned off, it forgets the tension entered and we have to enter it again before commencing knitting the next piece. Alright, so this is no problem if we are knitting the whole garment today, but many knitters have minimal knitting time each day and a complete garment may take several days (or even weeks). We cannot leave the KR11 switched on for several days or it will use up all the power in the batteries, so we turn it off. It is very easy to forget how many rows there were to ten centimetres, so make a note on top of the plastic pattern sheet being used.

The pause button can be used if you are just leaving the work overnight. When the KR11 is paused, the screen display is off but the computer will remember the tension and which row you ended with. The main power consumption of the device is the screen display and the motor for feeding on the pattern. When both are off (with pause button activated) a very minimal amount of battery power will be used – a small price to pay for its memory!

PLANNING THE KNITTING

The sweater I have chosen to knit is raglan, with normal 1x1 ribbed welts and has horizontal stripes of three different colours.

If I just started knitting I might encounter a few problems which would only become obvious when the sweater is made up.

Firstly, my rib tension is obviously going to be different to my main tension. We can either knit a separate rib tension swatch and knit the rib following the KR11, after setting the correct row gauge of course, or we can calculate the number of rows to knit manually. Alternatively, we can knit the number of rows we normally use for a rib and start the KR11 pattern rotating from the top of the welt.

My next quandary is the horizontal stripes. They must match perfectly across the raglan seams otherwise they will look awful.

To ensure that they do, we must be on the same row of the stripe sequence at every underarm cast off. I can knit the back/front first, noting the row when I reach this initial cast off, or I can run the back/front and then the sleeve patterns through the KR11 beforehand. This seems a waste of time and batteries, so I will knit the back/front now.

PREPARING THE KR11 FOR KNITTING

The following instructions are abbreviated as full instructions can be found in the manual. Please read it through and follow it carefully if you are new to using the KR11.

With the KR11 switched off, set the select lever B to half scale (quarter scale if you are knitting a quarter scale pattern of course!) and check that the Change lever (on the front of the KR11 with numbers 1 to 5) is set to 1.

Insert the pattern sheet to the bottom line of the grid, select and insert the correct stitch scale and then switch on. To insert the paper straight, push gently at both edges of the paper until you feel the first prong of the tractor feed grip both holes in the sheet, then turn the paper feed dial.

Press the Set key and a small sweater front will appear in the display. Press the Plus key until your row gauge is correct on the right side of the display. If the number gets too high, just press the Minus key until it is correct. Press the Set key again and the gauge is memorised.

LET'S KNIT

Press the Pause key if you are knitting a pre-determined number of rows for the welt. Note the welt tensions and the number of rows on the paper pattern between the cast-on line and the top of the welt. Cast on and knit the welt.

Press the Pause key to reactivate the KR11 and feed in the pattern until it reaches the top of the welt. Press the 0 key to return the row number to 0 if you used the Plus key to feed the pattern forward.

You can use either the manual feeding dial or the Plus key for feeding the pattern forward. The main difference is that the row number will not increase or decrease when moving it manually.

Knit to the underarm shaping. I am knitting stripes of 20 rows of colour one, two rows of colour two, ten rows of colour three and two rows of colour two. On reaching the underarm cast off I am on row 164 and I have just knitted row six of colour three. Note this next to the underarm seam on the paper pattern.

SHAPING

Look along the stitch scale to see how many stitches should be left in work on the right hand edge after the cast off. The stitch scale shows that I must cast off up to needle 82 on the right of centre on this row.

I will not look at the pattern again on the next row, but will cast off up to needle 82 on the left. If I check the pattern again I would probably have to cast off to needle 81, but I prefer to keep both sides the same.

Now continue knitting, keeping an eye on the stitch scale. Every time the line of the pattern has reached the next mark on the stitch scale, we must decrease one stitch at each side of the work.

This garment piece is the back 42►

Finishing touch

of my sweater, so I continue in this way until I reach the top of the neck line and I take those stitches on to waste knitting.

Use the manual feeder dial to return to the bottom of the pattern sheet, press the zero key to set the row back to 0 and knit the front of the sweater in exactly the same way as the back until you reach the front neckline.

NECK SHAPING

First we will tell the KR11 to remember this position, so that we can return to it later. Hold down the Set key and at the same time press the Minus key. The position is now memorised.

Put into hold all the needles on the left of centre and any along the line to the right of centre which form part of the centre front neck. My pattern requires ten needles at the right in hold.

Knit the right half of the neck by placing needles into hold in the normal way as indicated on the pattern.

When the last stitch is cast off, take the carriage across to the left side of the needle bed ready to start knitting the left side.

Press the Minus key until the pattern stops feeding and it will be returned to the row memorised earlier. Now knit the left side of the neck to match the right.

Take all stitches in hold on to waste knitting.

SLEEVES

Insert the pattern sheet for the sleeves. The first thing you will notice is that the welts are narrower than the first row in main pattern. With this type of pattern I prefer not to start with the fewer needles needed for the rib and then try to stretch the welt to fit the greater number of needles. Instead, I ignore the welt for now and cast on the greater number of stitches with waste knitting and one row of nylon cord.

Go straight into the main knitting – but wait! We have to work out which row of the stripe sequence to start with.

Feed the paper pattern to the bottom of the main part of the sleeve (top of the welt). Now press the 0 key to re-set the row number to 0, if necessary.

Press the Plus key to feed the paper pattern until it reaches the underarm seam. In my case this is row 198. A total of 34 rows further into the sequence than on the front/back.

If that's not luck I do not know what is! My stripe sequence is 34 rows so I can just start at row one as before. However, let's pretend that my pattern had reached row 192, which is only 28 rows more, so I would have to calculate which row to start on. 28 rows of the 34 row stripe sequence will leave me six rows short (34 – 28 = 6) of the correct row at the underarm seam.

I would normally start by knitting 20 rows in colour one, but for the sleeves I must deduct six rows and only knit 14 rows in colour one. This will give me a smaller area of colour one at the cuff, but it will not notice as much as being six rows adrift at the raglan seams would!

Now we are ready to continue with the knitting of the sleeve, with the paper pattern at bottom of the main sleeve section and the row counter on 0.

Keep an eye on the sleeve line and increase one stitch at both edges every time a new stitch mark is reached on the scale. Check that you are on the correct row of the stripe sequence at the underarm cast off.

If you are one or two rows adrift in your calculations, just knit an extra one or two rows until you are at the correct one. One or two extra rows will make little difference to the sleeve length, but don't overdo the extra rows!

Press the Minus key to return the paper pattern to the initial cast off row and continue with the decreasing.

The main difference with the sleeve is at the top, where we have the shaping for both the back and front raglan seam on top of one another.

When you reach the lower point (point A in last month's diagram), cast off, or place into holding position, all the stitches to the right of centre 0. Look carefully at the top curve and you will see that the left edge, next to the datum line, is also straight for one or two stitches – put these also to hold to the left of 0.

The remainder of the curve is knitted to the left of centre 0 on the first sleeve and then to the right on the second sleeve. So, although the KR11 pattern will show stitches decreasing to the right of centre 0, it will actually be worked to the left on the first sleeve. Look at the quarter scale diagram to see what I mean.

All that remains is to knit the cuffs. Return to the lower part of the sleeve and cast on the lesser number of stitches shown for the cuff. Knit the welt to the depth required. Transfer all stitches to the main bed and bring the needles forward so the stitches fall behind the latches.

Gather the cast on edge of the sleeve evenly on to the same needles and pull the stitches through those of the welt. Cast off loosely.

NECK BANDS

Charting device patterns rarely show the size of the neck band required and it is left up to the knitter to decide the number of rows to knit, according to the style of the band. The total number of stitches required can be worked out by measuring around the neckline (on the paper pattern) of back, front and both sleeve tops. Multiply the total centimetres by two if working in half scale and by four if using quarter scale. Now multiply the total by the number of stitches per centimetre. I had 32 stitches in ten centimetres which is 3.2 in every centimetre. Just put a decimal point in between the numbers.

Another alternative is to curve the stitch scale around the neckline edge of each pattern piece and add together the number of stitches for each.

My method is probably the easiest! Make a note of the number of stitches in hold on each piece of the garment. There will just be a few at each side of the front neckline to estimate. Bring this number of needles out to work and pick up the stitches from waste knitting, picking up with a three pronged tool, one whole stitch from the edge on the straight section at each side of the front.

Knit one row, transfer to rib and knit the welts. I like to finish with three or four rows of stocking stitch and back stitch in place on the right side of the work.

Next month we will finish off this mini series on the KR11 with a look at its Jacquard and multi-coloured facilities.

Picture parade

BARN OWL

Capture one of the world's endangered species in wool. Knit the graceful Barn Owl, designed by Jo Newton in response to a special request from a reader.

Friend of the farmer in its role of unpaid 'Rodent Operative', the Barn Owl, once so familiar in the countryside, is now on the list of endangered species. Strenuous efforts are being made to increase the number of breeding pairs, one of the biggest enthusiasts being the Prince of Wales at his country home, Highgrove, in Gloucestershire. In the meantime they can be kept alive on our jumpers with these complementary 60 and 24-stitch designs.

The swooping owl picture is for electronic machine users or may be used for knitting by intarsia or hand selection. The hapless mouse (rat?), who little realises his last hour has come, may be knitted or Swiss darned according to the chart supplied. His tail can be left loose, as in the illustration, or embroidered. The large lustrous eyes are also Swiss darned where marked on the graphs.

The 24-stitch pattern can be used as a single motif, with the background material which cuts down the long float thread omitted, or as a repeating band.

YARNS USED

Forsell Pure New Wool
(large picture)
110 Driftwood
100 Ivory
115 Peat
Forsell Shamal
(single motif)
548 Bark
502 Llama (Cream)
(repeating motif)
533 Tobacco
502 Llama
564 Brown for the eyes

Rippling sands

This unusual Barbara Tobias Fair Isle design in Yeoman's Cannele mercerised cotton, will appeal to all members of the family. Why not knit a his-and-hers version using the reverse colours?

BACK

With carriage at right and using MC, cast on 160 [172, 186] sts at centre in 1x1 rib. * K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT–5/MT–5, K 35 rows. Transfer sts for st st. Using MT, K 1 row. Using WY, K a few rows and release from machine *. Push 170 [182, 196] Ns at centre to WP. With carriage at right and wrong side of welt facing, replace sts on to Ns, inc evenly. Unravel WY. Set RC at 000. Using MT, cont in Fair Isle patt. K 118 [118, 114] rows.

1st and 3rd Sizes

Place marker at each end.

2nd Size

Shape Armhole

Cast off 6 sts at beg of next 2 rows. 170 sts.

All Sizes **

K 86 [84, 90] rows. RC shows 204. Push 55 [55, 66] Ns at left and right to HP. Using WY, K a few rows in st st over rem 60 [60, 64] Ns and release from machine. Push 55 [55, 66] Ns at right from HP to UWP. Using WY, K a few rows and release from machine. Push 55 [55, 66] Ns at left from HP to UWP. Using WY, K a few rows and release from machine.

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for standard gauge punchcard or electronic machines with a ribber.

If you don't have a ribber, work ribs in mock rib.

MATERIALS

Yeoman Cannele Cotton. (Yarn Guide No. 10.)

2 [2, 3] x 250g cones in Sand (MC).

1 [1, 2] x 250g cones in Sandstone (C).

GARMENT WEIGHT

Finished garment in second size weighs 670g.

The fibre content of this yarn is 100% Cotton. For further information about this yarn, please write to the following address:- Yeoman Yarns, 36 Churchill Way, Fleckney, Leicestershire LE8 0UD.

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS

To fit bust 87-92 [97-102, 107-112] cm, 34-36 [38-40, 42-44] in.

Actual size 105 [112, 121] cm, 41 1/2 [44, 47 1/2] in.

Length to shoulder 69.5 cm, 27 1/2 in.

Sleeve seam 48.5 cm, 19 in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

32 stitches and 33 rows to 10 cm, 4 in measured over Fair Isle pattern (tension dial approximately 7).

For perfect results, please check your tension carefully.

KNITTING NOTES

We used knit side of knitting as right side of garment.

Before knitting, prepare any punchcards or electronic sheets needed, from the charts provided. Note that punchcard patterns, as shown, may have to be repeated until the card is a suitable length for knitting.

Fair Isle Pattern

Back and Front

Insert card 1 and lock on first row. Take carriage across twice without knitting. Release card and cont in Fair Isle with MC in feeder 1/A and C in feeder 2/B. K 26 rows. Remove card. Insert card 2 and lock on first row. Take carriage across twice without knitting. Release card and cont in Fair Isle with MC in feeder 1/A and C in feeder 2/B. K 21 rows. Remove card. Insert card 3 and lock on first row. Take carriage across twice without knitting. Release card and cont in Fair Isle with MC in feeder 1/A and C in feeder 2/B. K 96 rows. Remove card. Insert card 4 and lock on first row. Take carriage across twice without knitting. Release card and cont in Fair Isle with MC in feeder 1/A and C in feeder 2/B. K 21 rows. Remove card. Insert card 1 and lock on first row. Take carriage across twice without knitting. Release card and cont in Fair Isle with MC in feeder 1/A and C in feeder 2/B. K 40 rows.

Sleeves

2nd Size

Insert card 1 and lock on 21st row. Take carriage across twice without knitting. Release card and cont in Fair Isle with MC in feeder 1/A and C in feeder 2/B. K 6 rows. Remove card.

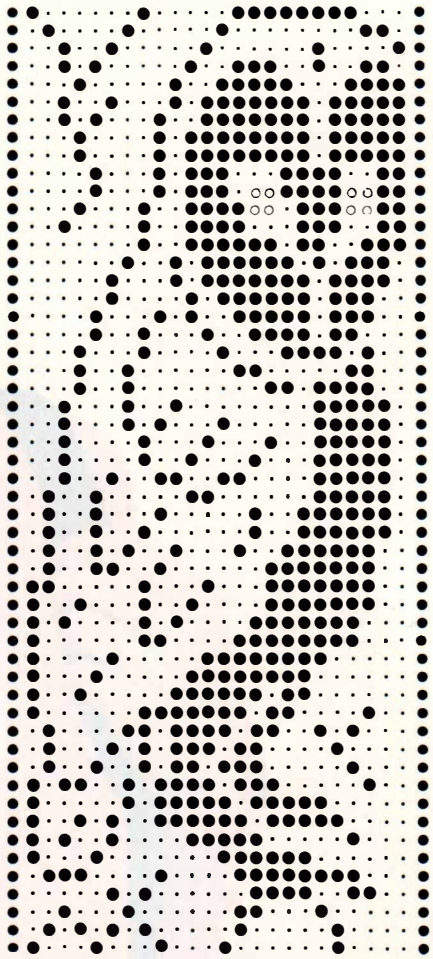
All Sizes

Insert card 2 and lock on first row. Take carriage across twice without knitting. Release card and cont in Fair Isle with MC in feeder 1/A and C in feeder 2/B. K 21 rows. Remove card. Insert card 3 and lock on first row. Take carriage across twice without knitting. Release card and cont in Fair Isle with MC in feeder 1/A and C in feeder 2/B. K 72 rows. Remove card. Insert card 4 and lock on first row. Take carriage across twice without knitting. Release card and cont in Fair Isle with MC in feeder 1/A and C in feeder 2/B. K 21 rows. Remove card. Insert card 1 and lock on first row. Take carriage across twice without knitting. Release card and cont in Fair Isle with MC in feeder 1/A and C in feeder 2/B. K 20 rows.

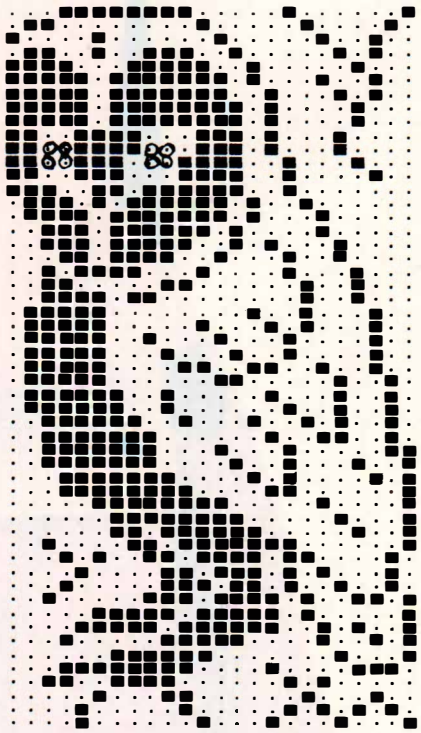
pattern 7

Trousers, KAYS CATALOGUE. Bag, SALISBURYS. Pendant & Earrings, VAL D'OR.

Picture parade



PUNCHCARD CHART



ELECTRONIC CHART

King of diamonds

◀

86, 86] sts. K 2 [2, 4, 4] rows. RC shows 87. Cont in st st. Cont to inc on every 5th row from previous inc until there are 90 [90, 96, 96] sts. K 2 [2, 4, 4] rows. RC shows 112. Cast off.

WELTS

Push 98 [102, 106, 110] Ns to WP. With P side facing, replace sts from lower edge on to Ns. * Transfer sts as shown on chart 1. Set RC at 000. Using MT–2/MT–2 and MC, cont in cable patt from chart 1. K 16 rows. Transfer sts to back bed. Cast off *.

CUFFS

Push 46 [46, 48, 48] Ns to WP. With P side facing, replace sts from lower edge of sleeve on to Ns. Complete by working as for welts from * to *.

TO JOIN LEFT SHOULDER SEAM

Push 30 [32, 34, 36] Ns to WP. With K side of left back shoulder facing, replace sts on to Ns. With P side of left front shoulder facing, replace sts on to same Ns. Unravel WY. Using MT and MC, K 1 row. Cast off.

NECKBAND

Push 102 Ns to WP. With P side facing, pick up 102 sts around neck edge and place on to Ns. Unravel WY. Set RC at 000. Using MT and MC, K 1 row. Transfer sts as shown on chart 3. Using MT–2/MT–2, cont in cable patt from chart 3. K 18 rows. Cast off.

TO JOIN RIGHT SHOULDER SEAM

Work as for left shoulder seam but read right for left.

PRESSING

With wrong side facing, pin out all pieces to measurements given. Press carefully following instructions on ball band.

MAKING UP

Set in sleeves between markers. Join side, sleeve and neckband seams. Fold neckband in half to inside and catch down. Using C, embroider as shown on chart 2.

CHART 1

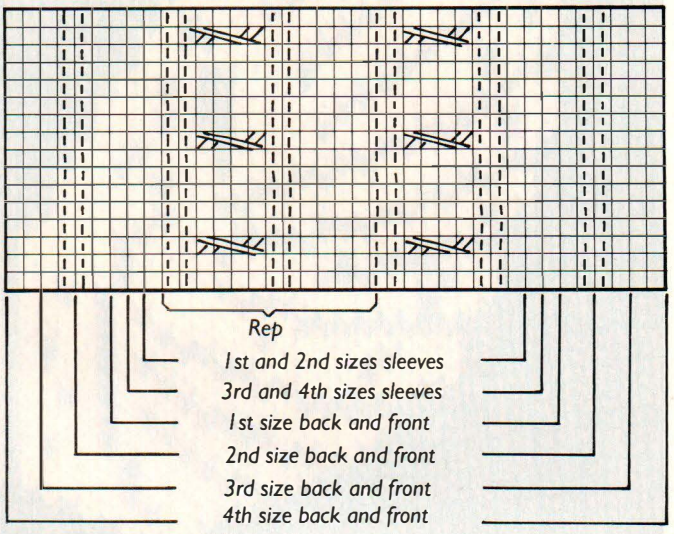
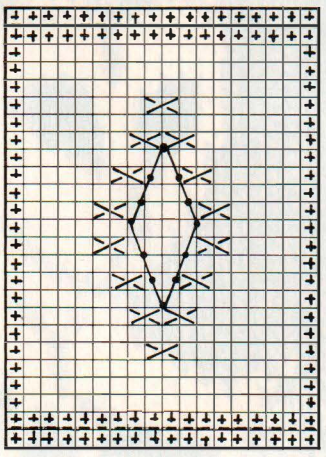

Rep
1st and 2nd sizes sleeves
3rd and 4th sizes sleeves
1st size back and front
2nd size back and front
3rd size back and front
4th size back and front

CHART 2



KEY CHART 2

= Using a latch tool, drop and reform sts

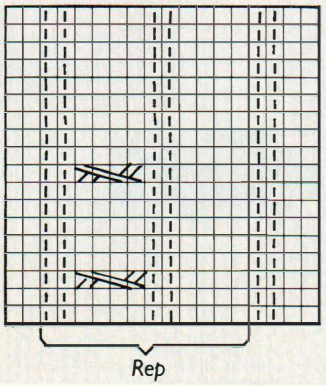
= Cross st at left in front of st at right

= Cross st at right in front of st at left

= Embroider in backstitch

= Embroider in couching stitch

CHART 3



KEY CHARTS 1 and 3

= N on back bed

= N on ribber

= Cross 2 sts at right in front of 2 sts at left

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1113

Rippling sands

FRONT

Work as for back to **. K 60 [58, 64] rows. RC shows 178. 26 rows less have been worked to shoulder than on back.

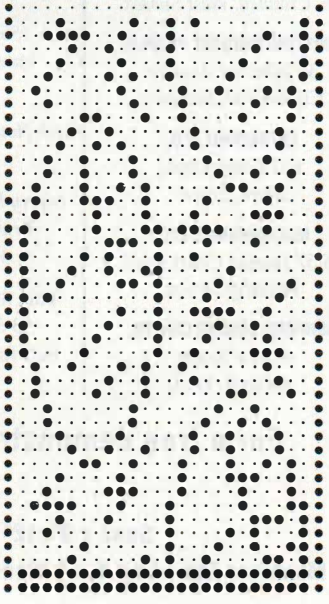
Shape Neck

Note patt row on card. Using nylon cord, K 100 [100, 114] sts at left by hand, taking Ns down to NWP. Cont on rem sts for first side. Dec 1 st at neck edge on every row until 58 [58, 70] sts rem, then on every foll alt row until 55 [55, 66] sts rem. K 8 [8, 6] rows. Using WY, K a few rows in st st and release from machine. With carriage at right, unravel nylon cord over 30 [30, 32] Ns at right, bringing Ns back to WP. Using WY, K a few rows and release from machine. With carriage at right, unravel nylon cord over rem Ns, bringing Ns back to WP. Lock card on number previously noted. Take carriage to left without knitting. Release card and cont in Fair Isle patt. Finish to correspond with first side, reversing shapings.

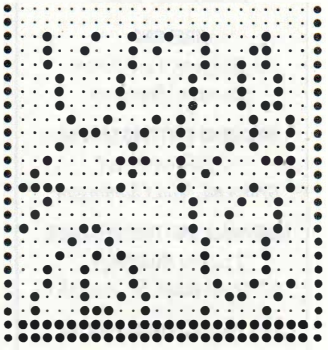
SLEEVES

With carriage at right and using MC, cast on 76 [76, 80] sts at centre in 1x1 rib. Work as for back from * to *. Push 84 [84, 88] Ns at centre to WP. With carriage at right and wrong side of cuff facing, replace sts on to Ns, inc evenly. Unravel WY. Set RC at 000. Using MT, cont in Fair Isle patt. Shape sides by inc 1 st at each end of every alt row until there are 104 [104, 112] sts, then on every foll 3rd row until there are 128 [128, 136] sts, then on every foll 4th row until there are 166 [166, 172] sts. K 2 rows. RC shows 134.

CARD 1



CARD 2



2nd Size

Place marker at each end. K 6 rows.

All Sizes

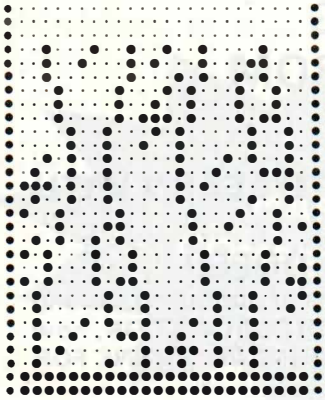
Cast off.

TO JOIN RIGHT SHOULDER

Push 55 [55, 66] Ns to WP. With K side of right back shoulder facing, replace sts on to Ns. With P side of right front shoulder facing, replace sts on to same Ns. Unravel WY. Using MT+1 and MC, K 1 row. Cast off.

NECKBAND

Push 150 [150, 156] Ns to WP. With K side facing, pick up 150 [150, 156] sts around neck edge and place on to Ns. Unravel WY. Set RC at 000. Using MT–1 and MC, K 1 row. Transfer sts for 1x1 rib. Using MT–4/MT–4, K 26



CARD 3

rows. Transfer sts for st st. Using MT–2, K 1 row. Using WY, K a few rows and release from machine.

Press carefully, following instructions on cone band.

MAKING UP

1st and 3rd Sizes

Set in sleeves between markers.

2nd Size

Set in sleeves, sewing rows above markers to cast off sts at armholes.

All Sizes

Join side, sleeve and neckband seams. Fold neckband in half to right side and pin in position. Unravelling WY as required, backstitch through open loops of last row worked in MC.

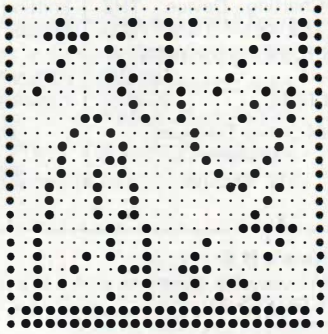
TO JOIN LEFT SHOULDER

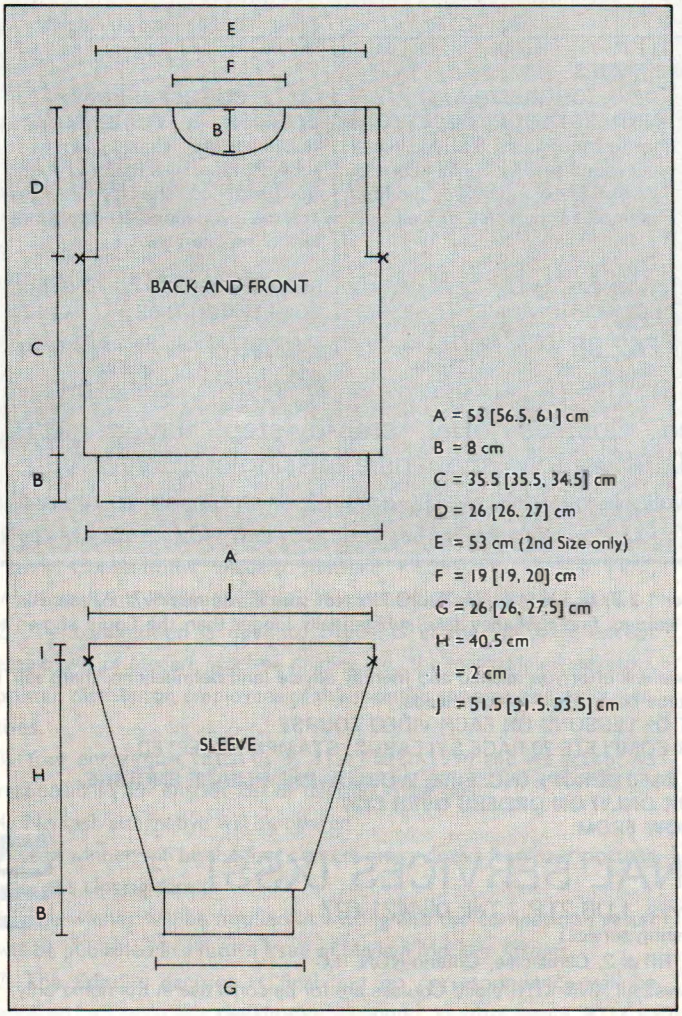
Work as for right shoulder but read left for right.

PRESSING

With wrong side facing, pin out all pieces to measurements given.

CARD 4





A = 53 [56.5, 61] cm
B = 8 cm
C = 35.5 [35.5, 34.5] cm
D = 26 [26, 27] cm
E = 53 cm (2nd Size only)
F = 19 [19, 20] cm
G = 26 [26, 27.5] cm
H = 40.5 cm
I = 2 cm
J = 51.5 [51.5, 53.5] cm

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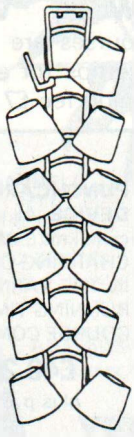

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BASIC CROCHET STITCHES

CROCHET is really an essential skill to have if you want to be a truly versatile machine knitter. Crochet can be used to create interesting surface decoration on your knitwear or to produce beautiful trimmings and edgings to give your knitwear that special touch. However, at its simplest level it can also be very basic and functional – perhaps the only way you can finish a raw edge to stop it rolling or the most efficient way of setting in a sleeve. If you don't know how to crochet, here's a step by step guide to the basics.

Whether you want to crochet an edging or a complete item, you cannot crochet until you have a 'loop' on your hook. To start, you can either a) insert your hook into the fabric, card, leather, knitting or anything else that takes your fancy OR b) make a slip knot.

How you hold your hook doesn't matter, but the loop has to go past the shaped part of the hook head on to the stem, or the tension will not be correct. If you've never crocheted before, try holding the hook like a pen, which should feel comfortable since most people are used to writing.

The yarn has to glide through the fingers in an uninterrupted flow. (See Fig. 1.) One way is to wrap the yarn round two fingers instead of just the little finger which prevents it from being gripped too tightly.

Unlike knitting, crochet stitches vary in height. Chains are made to 'lift' the hook at the beginning of the row.

When working into a fabric, insert the hook through the material, collect the yarn and pull through to the front. The hook has a loop over it through which crochet stitches can be made. (See Fig. 2.)

Alternatively make a slip knot. Ideally make the slip knot so that the loop tightens from the tail end.

With the loop on the hook, chains can be made either for a foundation chain or to 'lift' the hook from the fabric.

There are basically only three stitches in crochet, chain, double crochet and treble. All other stitches are variations.

Figure 1: Holding the yarn.

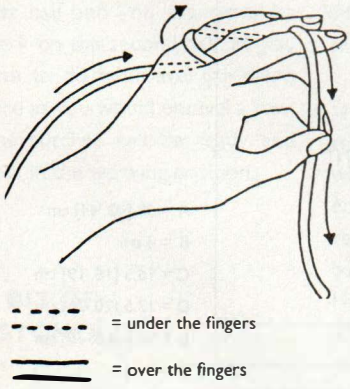
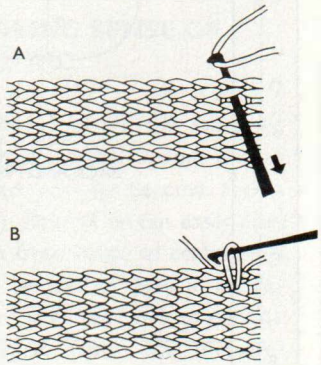


Figure 2: Working the fabric.



CHAIN

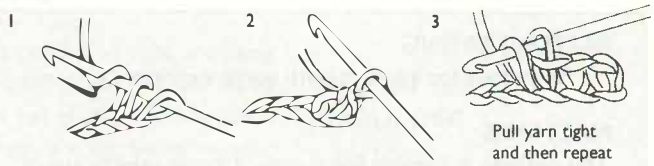
Place yarn over hook (yoh) and pull through loop already on hook – 1 chain (ch) made. Continue in the same way until the required number of chains has been made.

Figure 3

DOUBLE CROCHET

One chain is needed at the beginning of the row and is counted as the first stitch. Insert hook into next stitch (or fabric), yarn over hook (yoh), pull through to front of work (2 loops on hook), yarn over hook (yoh), pull through both loops – 1 double crochet (dc) made. (See Fig. 4.) This is a good stitch for edging a raw knitted edge.

Figure 4



SLIP STITCH

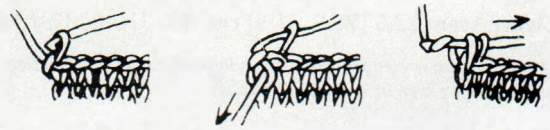
Is worked like a dc but smaller. Therefore it doesn't need any turning chain and is rarely used without other stitches. Insert hook into work, yarn over hook (yoh), pull through to front *AND* loop already on hook – 1 slip stitch (ss) made. (See Fig. 5.) This is a good stitch for joining two knitted pieces together.

Figure 5

CRAB STITCH

Another variation of double crochet is the Crab stitch, sometimes known as corded edge, rope stitch, etc. This is a double crochet stitch worked in the opposite direction. Right-handed people work crochet from right to left. For right-handed people the Crab stitch is worked from left to right. Insert hook into next stitch on the right, drop the hook on to the yarn (not yoh) and pull through to the front tilting the hook to ensure *TWO* loops are on hook, twist hook back to normal working position, yoh, pull through both loops – 1 Crab stitch made. (See Fig. 6.)

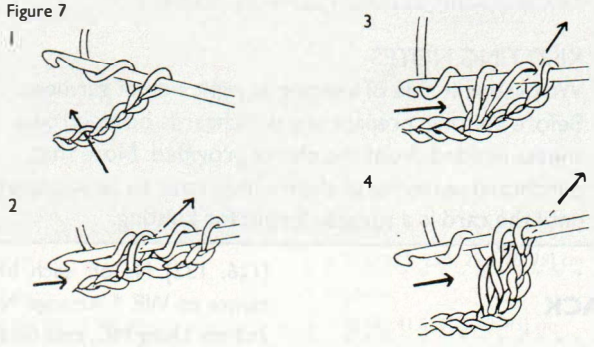
Figure 6



TREBLE

Three chains are needed to lift the hook for this taller and most common of all crochet stitches, yoh *BEFORE* inserting hook into work, yoh, pull through to front (giving three loops on hook), * yoh, pull through two loops, repeat from * once leaving one loop on hook – 1 treble (tr) made. (See Fig. 7.)

Figure 7



Fantasy baubles

A comfortable sweater to cuddle into, worn with casual jeans or leggings, is many a youngster's ideal attire. This one, in King Cole's Anti-Tickle Wool and Mosaics, certainly fits the bill.

pattern 8

PATTERN RATING
** Fairly easy for knitters with some experience.

MACHINES
This pattern is suitable for standard gauge punchcard or electronic machines with a ribber.
If you don't have a ribber, work ribs in mock rib.

MATERIALS
King Cole Anti-Tickle 4-ply. (Yarn Guide No. 11.)
1 x 500g cone in Aran (MC).
King Cole Mosaics Anti-Tickle 4-ply (Yarn Guide No. 11).
1 x 250 cone in Rembrandt (C).

GARMENT WEIGHT
Finished garment in second size weighs 265g.

The fibre content of this yarn is 100% Pure New Wool. For further information about this yarn, please write to the following address:- King Cole Ltd., Merrie Mills, Old Souls Way, Bingley, West Yorkshire BD16 2AX.

PATTERN INFORMATION
For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS
To fit chest 61-66 [71, 76] cm, 24-26 [28, 30] in.
Actual size 75 [83, 87] cm, 29½ [32½, 34½] in.
Length to shoulder 38 [42, 44] cm, 15 [16½, 17½] in.
Sleeve seam 23.5 [26.5, 31.5] cm, 9½ [10½, 12½] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION
30 stitches and 60 rows to 10 cm, 4 in measured over slip stitch (tension dial approximately 5).
33 stitches and 39 rows to 10 cm, 4 in measured over Fair Isle pattern on MT+2 (Tension dial approximately 7).

For perfect results, please check your tension carefully.

KNITTING NOTES
We used knit side of knitting as right side of garment. Before knitting, prepare any punchcards or electronic sheets needed, from the charts provided. Note that punchcard patterns, as shown, may have to be repeated until the card is a suitable length for knitting.

BACK

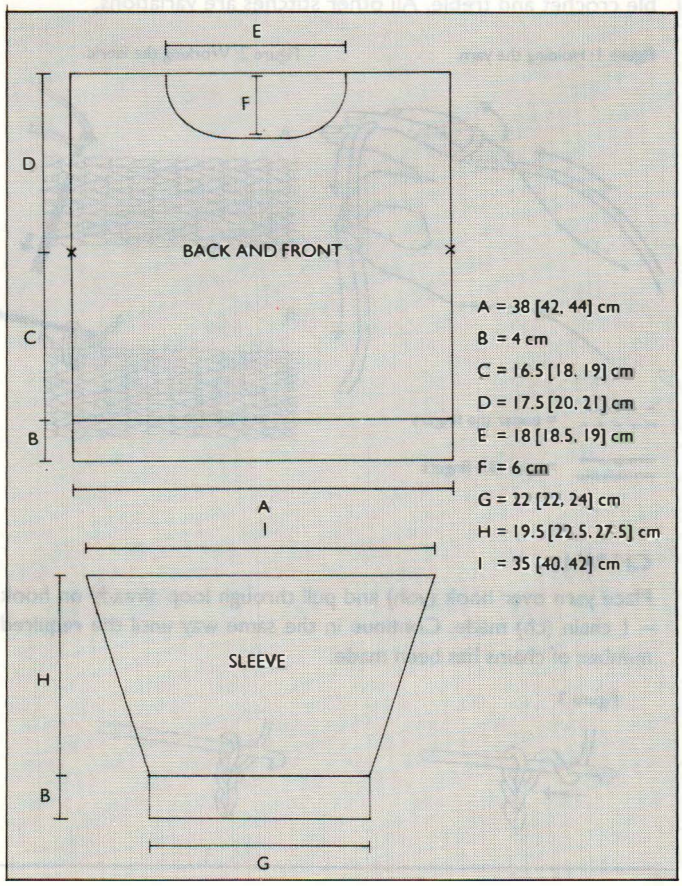
With carriage at right, push 114 [126, 132] Ns on each bed at centre to WP. * Arrange Ns for 2x2 rib. Using MC, cast on and K 5 tubular rows. Carriage is at right. Set machine for 2x2 rib knitting. Set RC at 000. Using MT–2/MT–2, K 15 rows. Transfer sts for st st *. Insert card 1 and lock on first row. Take carriage across twice without knitting. Set RC at 000. Using MT, K 1 row. Release card and cont in slip st (punchcard machines – set to slip in one direction only). K 98 [107, 113] rows. RC shows 99 [108, 114]. Place marker at each end. K 106 [121, 127] rows. RC shows 205 [229, 241]. Place marker between sts 27 and 28 [28 and 29, 29 and 30] at left and right of centre 0. Cast off.

FRONT

With carriage at right, push 126 [140, 146] Ns on each bed at centre to WP. Work as for back from * to *. Insert card 2 and lock on first row. Take carriage across twice without knitting. Set RC at 000. Using MT+2, K 1 row. Release card and cont in Fair Isle with C in feeder 1/A and MC in feeder 2/B. K 63 [69, 73] rows. RC shows 64 [70, 74]. Place marker at each end. K 44 [54, 58] rows.

Shape Neck

Note patt row on card. Using nylon cord, K 73 [80, 83] sts at left by hand, taking Ns down to NWP. Cont on rem sts for first side. K 1 row. Cast off 3 sts at beg of next and foll 4 alt rows. Dec 1 st at neck edge of every row until 36 [43, 44] sts rem, then on every foll alt row until 33 [39, 41] sts rem. K 7 [5, 5] rows. Cast off. With carriage at right, unravel nylon cord over 20 Ns at right, bringing Ns back to WP. Using



Pink Trousers & Pink T-shirt, GREAT UNIVERSAL.

56 ▶

pattern 8

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◀ 54

WY, K a few rows in st st and release from machine. With carriage at right, unravel nylon cord over rem Ns, bringing Ns back to WP. Lock card on number previously noted. Take carriage to left without knitting. Release card and cont in Fair Isle patt. Finish to correspond with first side, reversing shapings.

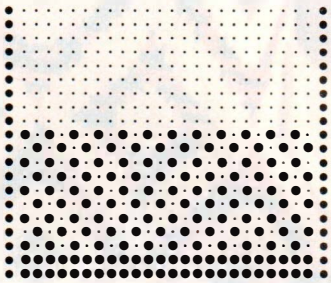
SLEEVES

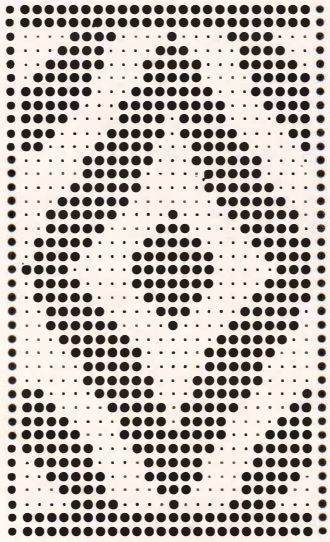
With carriage at right, push 66 [66, 72] Ns on each bed at centre to WP. Work as for back from * to *. Insert card 1 and lock on first row. Take carriage across twice without knitting. Set RC at 000. Using MT, K 1 row. Release card and cont in slip st (punchcard machines – set to slip in one direction only). Shape sides by inc 1 st at each end of next and every foll 6th [5th, 6th] row until there are 106 [120, 126] sts. K 1 [3, 7] rows. RC shows 117 [135, 165]. Cast off.

NECKBAND

Join right shoulder seam. Push 114 [118, 122] Ns to WP. With K side facing, pick up 114 [118, 122] sts around neck edge and place on to Ns. Set RC at 000. Using MT+2 and MC, K 1 row. Transfer sts for 2x2 rib. Using MT–2/MT–2, K 24 rows. Transfer sts for st st. Using MT+2, K 1 row. Using WY, K a few rows and release from machine.

PUNCHCARD CHART 1





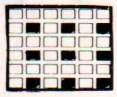
PUNCHCARD CHART 2

PRESSING

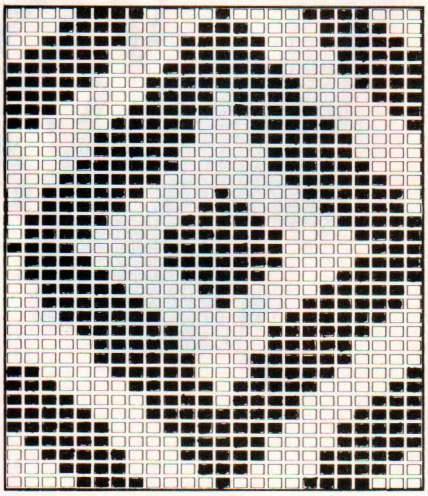
With wrong side facing, pin out all pieces to measurements given. Press carefully, following instructions on cone band.

MAKING UP

Join left shoulder and neckband seam. Set in sleeves between markers. Join side and sleeve seams. Fold neckband in half to right side and pin in position. Unravelling WY as required, backstitch through open loops of last row worked in MC.



ELECTRONIC CHART 1



ELECTRONIC CHART 2

Welcome to machine knitting

This month we are looking at some basic pocket methods. The secret of a successful pocket is first of all choosing the right method, secondly, placing the pocket in the correct position and finally, probably the most important of all is the finishing.

POCKETS

The actual knitting of a pocket is no problem and as with most techniques in machine knitting there are a number of alternatives. The type of pocket chosen may depend upon such things as the type of garment, the yarn and whether the pocket is designed to be useful, merely decorative or both.

Pockets in themselves are no problem to knit, the problems arise with the finishing and many a garment has been ruined because the attaching of the pocket has not been as neat as it might have been.

PATTERNS

Most patterns including pockets have specific instructions for the knitting and the attaching of the pocket and these need to be followed, not only for the actual knitting instructions but also taking careful note of the order in which things are done. Quite often a seemingly insignificant instruction at the beginning of the knitting of a pocket – for example, placing a marking thread – is vital to the neat sewing up and finishing/placing of the pocket on to the garment.

MAKE A FEATURE OF IT

It is a good thought to bear in mind that it is often much more successful to make a feature of a pocket and embellish it, especially when you are attaching it to the garment, than it is to try and hide the sewing up and keep the pocket discreet. Top stitching, extra braiding round the edges, a change of colour, all these little things can actually make a pocket into an important feature of a garment and turn it into something special.

METHODS

In this article we are going to look at three basic methods for knitting and including pockets on to basic garments. After all, when someone orders a cardigan and adds as an afterthought 'please may I have a pocket for my matches?' we do not want to have to start the search for a pattern all over again ... we should just be able to add our own without much difficulty.

METHOD ONE

The patch pocket is probably the easiest and most used type of pocket and can be put on almost any type of garment and in any sort of yarn. You are not limited to size or even shape and you can place it just where you like.

Casting on

You have two alternatives for the cast on. Either you can cast on by hand and knit it or you can cast on with waste yarn, leaving an open edge for sewing the pocket on. The waste yarn method is probably the neatest and the edge is sewn down in the same way as you would sew down a neckband, backstitching neatly into the first row knitted in the main yarn. If you remove the waste yarn before you sew the edge down, make sure that you lightly press the waste yarn and the first row and then the stitches will not unravel as you sew them down. The safest way if you are unsure, is to unravel all but the last row or two of the waste yarn and backstitch with the waste yarn still in place and then carefully unravel it once the sewing is finished.

Placing the pockets

The pockets need to look as though they belong to the garment and are not just an afterthought. Always pin them in place and check that they look OK before you sew them down. A good place for a pocket on a cardigan is with the base of the pocket sitting on the top line of the rib and about central in the fronts. Make sure that you place both pockets at the same height and distance from the edges – even a single row or stitch out will make the pockets look uneven!

Added extras

As I have already said, it is good to make a feature of a pocket and apart from the ideas already mentioned there are other possibilities. A single motif on a pocket looks attractive, a Fair Isle edge at the top, a pocket in a contrast colour with perhaps a stripe in the same contrast in the rib or neckband looks good and as though it has been planned rather than being just as an afterthought. Patch pockets have a tendency to stretch and gape at the top and this can be overcome by knitting the lip of the pocket in Fair Isle, or at a tighter tension than the main part of the pattern. A row of garter stitch on the fold line of the pocket lip also looks smart and helps to keep the edge tight.

To do a row of garter stitch you would have to run the knitting off on to waste yarn, (or put it on to a garter bar), turn it and knit one row and then run it off and turn it back again. This sounds long winded but it does not take long and it looks great. If you have a ribber or a double bed machine you can transfer the stitches to the other bed instead of running them off, knit one row on the other bed and then transfer them back again – this has the same effect.

Attaching the sides of the pockets

Sewing these down on the right side is the best method, using a sort of mattress stitch by taking just one bar of each stitch from the pocket and the garment and drawing them together without pulling them too tight. Top stitching is also satisfactory and can be done almost invisibly with the yarn used for the pocket or you can use a contrast yarn and once again make a feature of it. A pocket can have a bead, a buckle or buttons on it if you fancy and top stitching with washable leather or a weaving yarn can also look most attractive.

Golden rule for pockets

If you are going to have one, make it special.

METHOD TWO

This method uses the holding position and so the first thing you need to do is to set your knitting carriage for holding stitches. To use this method requires stocking stitch; if you are knitting Fair Isle or another pattern stitch then the next method is more suitable.

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Decide

First of all decide where you wish to place the pocket. If, as is usually the case, you are knitting two pockets, make notes of stitch and row numbers on the first pocket so that you make the second pocket exactly the same.

Try this sample

For a pocket 40 stitches wide proceed as follows. Knit as far as the row where the pocket is going to be. With the carriage at the right, decide where on the row the pocket of 40 stitches is going to be and bring all the needles to the left of it out to the holding position. Knit across to the left and bring all the needles to the right of the 40 pocket stitches out to the holding position. You are now going to knit on the 40 stitches for the pocket only, leaving the stitches at either side in the holding position. You will be knitting the pocket in a similar way as you would knit a hem and so this means that you need to knit twice as many rows as the actual depth of the pocket. Therefore for a pocket 30 rows deep you would need to knit 60 rows altogether.

Weights

It helps the stitches to knit off more easily if you carefully attach a small claw weight to the centre of the pocket stitches. For a bigger pocket, attach a small claw weight at each edge of the pocket. If you do not have any weights to hand, just hold the pocket stitches down with your hand.

Once the pocket rows are knitted, return all needles to the knitting position and continue knitting. (*See figure 1.*)

Row counter reminder

If you are counting the rows as usual on the garment piece, do remember to either put the row counter out of action for the pocket rows, or remember to turn it back to its original count once the pocket is knitted.

Finishing

Finishing this type of pocket is very easy as you have only to sew up the side seams. Extras such as a hem or a picot edge at the top can be added without much extra trouble but try a basic pocket first and then experiment.

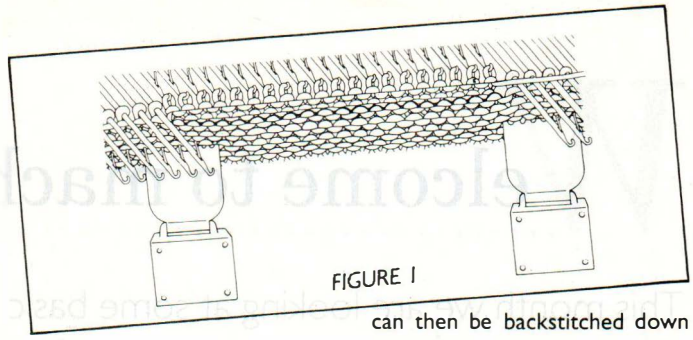


FIGURE 1

METHOD THREE

This method is very easy to do, can be used on any garment and I think is my favourite for ease of knitting and good results.

Once you reach the row on which you want your pocket to start you need to decide how many stitches wide the pocket is going to be and bring out those needles to the holding position. Use your nylon cast-on cord or a piece of brightly coloured contrast yarn and knit each stitch back to the knitting position by hand. The easiest way to do this neatly is to push the needles slightly back towards the knitting position but not all the way, make sure that the latches are all open and then put the nylon cord or thread across all the needles inside the hooks. Make sure that you have plenty of cord to play with, start at the left and carefully knit each needle back to the working position and try to leave them lined up evenly. Carry on knitting. After completing the garment piece, press it according to the yarn manufacturers instructions. With the work right side up and facing you, carefully remove the waste yarn. You will now have a 'gash' in your knitting with the open stitches waiting to be picked up. Transfer the open stitches at the bottom of the gash on to the machine and knit an edge on to the top of the pocket. For an edge six rows deep, knit six rows at main tension minus one, one row at a slightly higher tension and then six more rows at main tension minus one. Run the hem off on waste yarn and it can then be backstitched down on the right side when the pocket is finished. To knit the back, that is, the depth of the pocket, again with the right side of the knitting facing you, pick up the second row of open stitches and replace them on to the machine and knit the number of rows you require for the depth of the pocket. Knit these rows at the main tension. Knit one last row at tension 10 and cast off with the latch tool. (*See figure 2.*)

To finish

Carefully sew down the sides and the bottom edge of the pocket.

Note

If you are nervous about removing the waste yarn before you start to knit the pocket, it is OK to leave it in position until the pocket is complete.

If the waste yarn is left in position then there is no need to press the garment piece before you knit the pocket.

Woven garments

This type of pocket is excellent in a woven garment as the pocket can be knitted in stocking stitch. It is, in fact suitable for all patterned garments and the joy of it is that you do not disturb the pattern in any way. Where the garment is of a thick fabric the pocket can always be knitted in a finer yarn so that it is not too bulky.

Some rules for pockets

Decide which method will best suit the garment.

Check the position of the pockets and make sure that they are matching.

Finally, the finishing of the pockets, attaching them and completing them requires special attention.

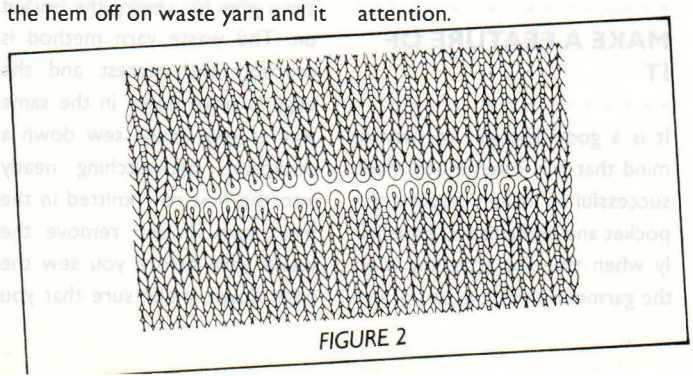
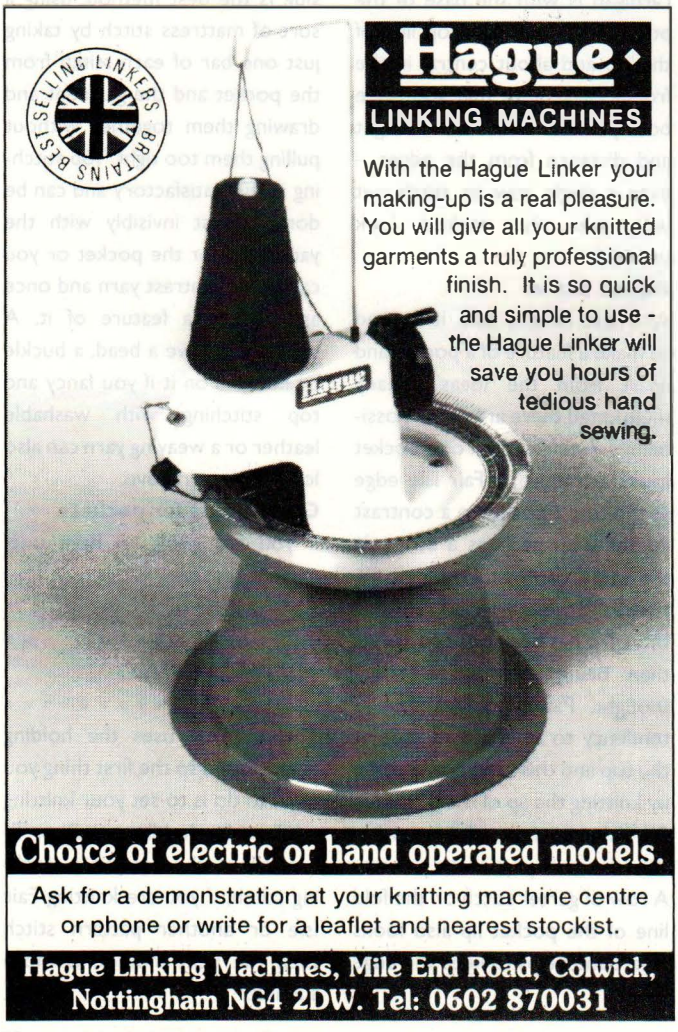


FIGURE 2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Pretty in pink

This tiny cardigan in King Cole Big Value Baby 3-ply is perfect to top a pretty party dress. The simple tuck stitch pattern is an easy knit for everyone.

BACK

Push 40 [44, 49, 53, 58] Ns at left and 27 [31, 36, 40, 45] Ns at right of centre 0 to WP. 67 [75, 85, 93, 103] Ns. * Push corresponding Ns on ribber to WP. Arrange Ns for 1x1 rib. With carriage at right and using MY, cast on. K 5 tubular rows. Carriage is at right. Set carriage for 1x1 rib knitting. Set RC at 000. Using MT–3/MT–3, K 18 rows. Transfer sts for st st **. Insert card and lock on first row. Take carriage across twice without knitting. Set RC at 000. Using MT, K 1 row. Release card and cont in tuck st *. K 63 [79, 91, 105, 121] rows. RC shows 64 [80, 92, 106, 122].

Shape Raglan Armholes

Cast off 2 sts at beg of next 2 rows. Dec 1 st (2 sts in) at each end of every 4th row until 37 [41, 49, 53, 61] sts rem, then on every foll alt row until 27 [29, 31, 33, 35] sts rem. Using WY, K a few rows in st st and release from machine.

LEFT FRONT

Push 4 Ns at left and 27 [31, 36, 40, 45] Ns at right of centre 0 to WP. 31 [35, 40, 44, 49] Ns. Work as for back from * to *. ** K 63 [79, 91, 105, 121] rows. RC shows 64 [80, 92, 106, 122]. K 1 row extra for right front.

Shape Raglan Armhole

Cast off 2 sts at beg of next row, K 1 row. Dec 1 st (2 sts in) at raglan edge of every 4th row until 19 [22, 24, 28, 30] sts rem. K 3 [3, 1, 3, 1] rows.

Shape Neck

Cont to dec at raglan edge on every 4th row from previous dec and, AT THE SAME TIME, cast off 3 [3, 4, 4, 5] sts at beg of next row. Dec 1 st at neck edge on every alt row until 9 [9, 15, 14, 20] sts rem. Cont to dec at neck edge on every alt row from previous dec and, AT THE SAME TIME, K 1 row. Dec 1 st (2 sts in) at raglan edge of next and every foll alt row until 5 [7, 7, 10, 10] sts rem. Cont to dec at raglan edge only on every alt row from previous dec until 2 sts rem. Cast off **.

RIGHT FRONT

Push Ns 10 to 40 [44, 49, 53, 59] inclusive at left of centre 0 to WP. 31 [35, 40, 44, 49] Ns. Work as for back from * to *, then work as for left front from ** to **, reversing shapings by noting alteration in number of rows worked.

SLEEVES

Push 28 [29, 30, 31, 32] Ns at left

PATTERN RATING
** Fairly easy for knitters with some experience.

MACHINES
This pattern is suitable for standard gauge punchcard or electronic machines with a ribber.
If you don't have a ribber, work ribs in mock rib.

MATERIALS
King Cole Big Value Baby 3-ply. (Yarn Guide No. 9.)
1 [1, 2, 2, 2] x 100g balls in Pink (MY).
6 [6, 6, 7, 7] buttons.

GARMENT WEIGHT
Finished garment in first size weighs 65g.

The fibre content of this yarn is 100% Acrylic. For further information about this yarn, please write to the following address:- King Cole Ltd., Merrie Mills, Old Souls Way, Bingley, West Yorkshire BD16 2AX.

PATTERN INFORMATION
For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 3.

MEASUREMENTS
To fit chest 41 [46, 51, 56, 61] cm, 16 [18, 20, 22, 24] in.
Actual size 43 [48, 55, 60, 67] cm, 17 [19, 21½, 23½, 26½] in.
Length to back neck 23 [27, 30.5, 34, 38] cm, 9 [10½, 12, 13½, 15] in.
Sleeve seam 14 [16.5, 20, 24, 28] cm, 5½ [6½, 8, 9½, 11] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION
30 stitches and 64 rows to 10 cm, 4 in measured over tuck stitch pattern (tension dial approximately 5).

For perfect results, please check your tension carefully.

KNITTING NOTES
We used purl side of knitting as right side of garment. Before knitting, prepare any punchcards or electronic sheets needed, from the charts provided. Note that punchcard patterns, as shown, may have to be repeated until the card is a suitable length for knitting.

We used Silver Reed card No. 3 from Pattern Library No. 2 for this pattern and reproduce it courtesy of Silver Reed. For further information about Silver Reed cards and machines, please write to Silver Knitting Machines Ltd., Unit 1, 10 Wandle Way, Willow Lane Trading Estate, Mitcham, Surrey CR4 4TE.

Silver Reed Electronic Machines
Place needle 1 cam between Ns 12 and 13 at left or right of centre 0 and point cams 2 Ns in from each edge. Press button 1 (right light on) and button 2 (left light on for 580 and SK 840 machines, right light on other models).

pattern 9

62 ▶

pattern 9

Pretty in pink

Pretty in pink

◀ 60

and 15 [16, 17, 18, 19] Ns at right of centre 0 to WP. 43 [45, 47, 49, 51] Ns. Work as for back from * to **. Insert card and lock on 17th [17th, 7th, 13th, 11th] row. Take carriage across twice without knitting. Set RC at 000. Using MT, K 1 row. Release card and cont in tuck st. K 10 rows. Shape sides by inc 1 st (2 sts in) at each end of next and every foll 12th row until there are 53 [59, 65, 71, 77] sts. K 12 [4, 2, 4, 4] rows. RC shows 72 [88, 110, 136, 160].

Shape Raglan Top

Cast off 2 sts at beg of next 2 rows. Dec 1 st (2 sts in) at each end of every 4th row until 29 [31, 33, 35, 37] sts rem, then on every foll alt row until 7 sts rem. Using WY, K a few rows in st st and release from machine.

NECKBAND

Join raglan seams. Push 81 [89, 95, 105, 111] Ns to WP. With P side facing, pick up 19 [22, 24, 27, 29] sts up right side of neck, 7 sts across top of sleeve, 27 [29, 31, 33, 35] sts across back neck, inc 2 [2, 2, 4, 4] sts evenly, 7 sts across top of sleeve and 19 [22, 24, 27, 29] sts down left side of neck and place on to Ns. Unravel WY. Set RC at 000. Using MT and MY, K 1 row. Transfer sts for 1x1 rib. Using MT–3/MT–3, K 21 rows. Transfer sts for st st. Using MT, K 1 row. Using WY, K a few rows and release from machine.

BUTTONHOLE BAND

Using MY, cast on 17 sts by hand. Set RC at 000. Using MT–1, K 4 [4, 5, 5, 5] rows. * Counting from each end, make buttonholes over 4th, 5th and 6th sts. K 18 [21, 24, 22, 25] rows. Rep from * 4 [4, 4, 5, 5] times more. Make buttonholes over same sts as before. (6 [6, 6, 7, 7] sets of buttonholes.) K 4 [4, 5, 5, 5] rows. Cast off.

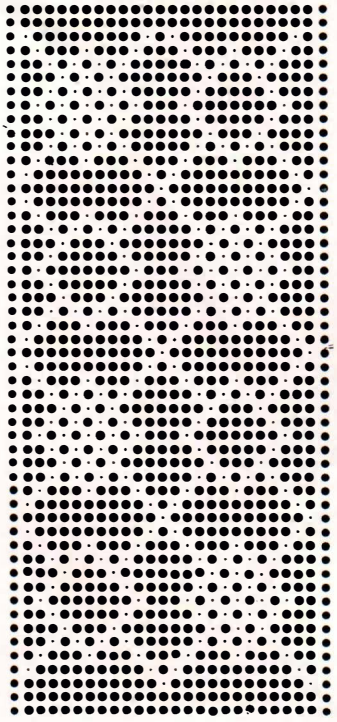
BUTTON BAND

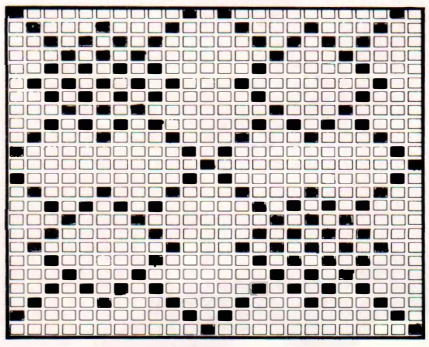
Work as for buttonhole band omitting buttonholes.

MAKING UP

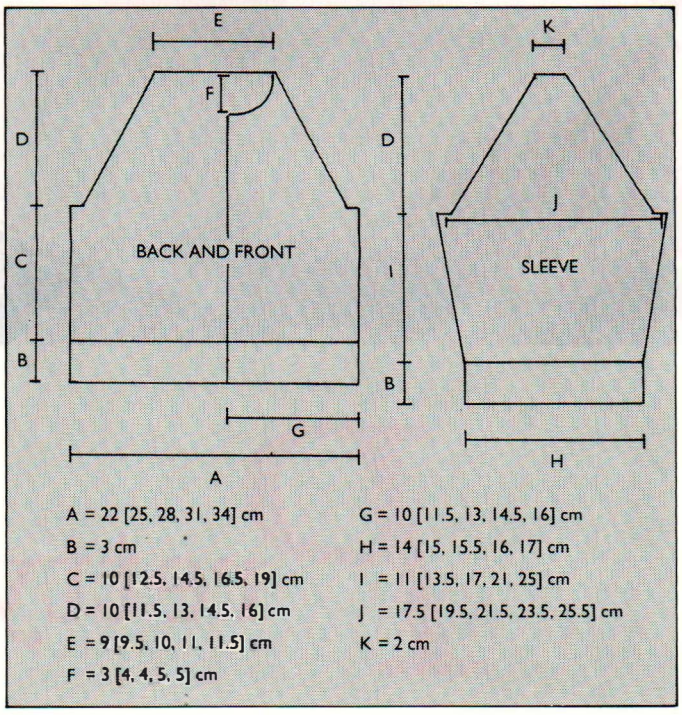
Join side and sleeve seams. Fold neckband in half to right side and pin in position. Unravelling WY as required, backstitch through open loops of last row worked in MY. Fold front bands in half lengthways and neaten open ends. Sew in position with buttonholes on right front for a girl and left front for a boy. Finish buttonholes and sew on buttons to correspond.

PUNCHCARD CHART





ELECTRONIC CHART



A = 22 [25, 28, 31, 34] cm
B = 3 cm
C = 10 [12.5, 14.5, 16.5, 19] cm
D = 10 [11.5, 13, 14.5, 16] cm
E = 9 [9.5, 10, 11, 11.5] cm
F = 3 [4, 4, 5, 5] cm
G = 10 [11.5, 13, 14.5, 16] cm
H = 14 [15, 15.5, 16, 17] cm
I = 11 [13.5, 17, 21, 25] cm
J = 17.5 [19.5, 21.5, 23.5, 25.5] cm
K = 2 cm

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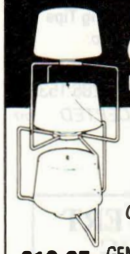

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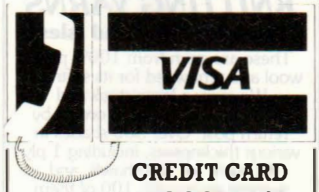

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TOYOTA 950 knitting machine, all accessories, £250 ono. Will swap for Brother KR260 chunky ribber. One year old (includes ribber). Tel: 0621 740874 (Nr Maldon, Essex).

PASSAP Duo 80, 2-colour changer, Deco, cards, U70, stand, books, £350. Tel: 0923 778696 (Rickmansworth, Herts).

TOYOTA 901, ribber 506, tilt table, Knit Tracer, intarsia and lace carriages, books, cards, etc. Little used from new, £345. Tel: 0255 424897 (Clacton, Essex).

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PASSAP Duo 80, 4-colour changer, Deco, fitted Passap Forma and other extras, £375. Tel: 0630 655613 (Market Drayton).

BROTHER 891 with Knitleader, intarsia carriage, lace carriage, £275; Garter carriage KG 89II, £275. Both for £500. Tel: 081-205 6890 (Edgware, Middx).

SINGER System 9000, double bed, pattern via control panel, motor, 4-colour changer, video tuition, transfer carriage, £1,250, or swap Passap 6000. Tel: 0302 780217 (Doncaster).

KNITMASTER 360KL, Knit Radar, lace carriage, SRP50 ribber, rib transfer carriage, intarsia carriage, extra yarn feeder, wool winder, hole punch and table, plus books, £350. Tel: 0268 776021 (Benfleet).

BROTHER electronic 950i, hardly used, books, wool, lace carriage, video, vgc, £700 ono. Tel: 061-763 4359 (Manchester).

BROTHER intarsia carriage, lace carriage, 836 punchcard machine, £150, will split. Tel: 0245 466024 (Chelmsford).

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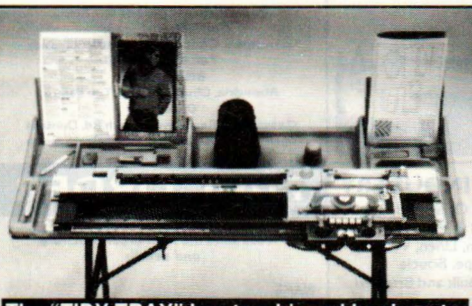

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BROTHER 260 chunky punchcard machine, £275; Intarsia, £35. Complete with instructions and patterns. Tel: 0603 741980 (Norwich).

TOYOTA 901 complete with ribber, tilt table, punchcards, books and accessories, lace carriage, £350. Tel: 0737 245712 (Reigate).

TOYOTA 777 punchcard, lace carriage complete, pattern books, yarn, £100: Intarsia carriage Toyota, £18. Good clean condition. Tel: 0621 851052 (Maldon, Essex).

KNITMASTER 326, Knit Radar, punchcards, manual, tools. etc., £125. Tel: 0376 513773 (Witham).

KNITMASTER 155 chunky machine and table, vgc, £200. Tel: 0322 370057 (Dartford).

KNITMASTER ribber SRP50, good condition, £85. Tel: 0535 271016 (Bradford).

KNITMASTER 560 electronic, radar, lace carriage, SRP50 ribber, tapes, pattern cards, table, £400. Tel: 0246 452261 (Chesterfield).

KNITMASTER 326, just serviced, table included, no ribber, £150. Tel: 0480 830057 (Cambridge).

BROTHER 836 punchcard with lace carriage and latest 850 ribbing attachment. All never used, £380 (cost £450, offers considered). Tel: 0532 874511 (Leeds).

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KNITMASTER 700KL, instruction manuals, lace carriage, excellent condition, £275 ono. Tel: 0244 812656 (Deeside, Clwyd).

BROTHER 965 ElectroKnit, garter carriage, colour changers, transfer carriage, PPD, ribber, £1,160. Will separate. Tel: 0352 770638 (Nr Chester).

BROTHER 836 punchcard machine, table, instruction book, yarn, magazines, intarsia carriage, tools, plus Bond knitting machine. Both excellent condition, £300. Space required. Tel: 0684 565784 (Malvern, Worcs).

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SINGER 2310 electronic double bed with table and lamp. Full instructions and cassettes, many extras including computer. Hardly used. £300 ono. Tel: 081-393 9663 (Epsom).

KNITMASTER Zippy Plus, perfect clean machine with KR-7 Knit Radar, all instructions, table, punchcards, punch, all brushes recently renewed, £220 ono. Tel: 0224 319255 (Aberdeen).

BROTHER 588 with ribber, in good working order, includes lace carriate, manuals and pattern book, £100. Tel: 081-802 9585 (London).

TOYOTA 950 knitting machine, built-in lace carriage, Fair Isle punchcard, 18 months old, hardly used, £250 ono. Tel: 061-790 5690 (Walkden).

TOYOTA knitting machine and ribber, lace carriage, Knit Tracer, £240 ono. Tel: 0932 851739 (Weybridge).

1970's magazines free to collector. Jones Stitchin' Time Vols 3,4,5 (1-25), No 26-33 and Jan-Apr 1980. Excellent condition, postage £4.25 if necessary. Tel: 0747 860570 (Mere, Wilts).

KNITMASTER 700K, ribber SRP60N, transfer carriage, cone winder, hand punch and cards, table, yarn, other accessories. All boxed, completely unused, £750. Tel: 0793 535902 (Swindon, Wilts).

BROTHER KH860, punchcards, punch, lace carriage, wool winder, instruction manuals, wool, table. Hardly used, excellent condition, £195. Tel: 061-736 2538 (Salford, Gt Manchester).

PASSAP Duo 80, Deco, punchcards, 4-colour changer, Form computer, U70, instruction tapes, many pattern books, £450, immaculate. Tel: 0932 849758 (Weybridge).

PFAFF 6000 electronic with Electra 3000A motor and countdown, 4-colour changer, £1,350 ono. Tel: 081-694 8821 (London).

BROTHER KH891, built-in Knitleader, lace carriage, table, vgc, £240. Tel: 0227 363150 (Herne Bay).

TOYOTA KS858 knitting machine with lace carriage, ribber, intarsia carriage, hole punch, punchcards, pattern and tuition books, video, table, £300. Tel: 0246 415855 (Dronfield).

SINGER 624 electronic knitting machine, 24 stitch pattern system, double bed, jacquard and ribs, £500. Tel: 071-701 2130 (S London).

BROTHER intarsia carriage for 260 chunky, never been used, £30. Tel: 0203 312452 (Coventry).

BOND Classic with extension kit, intarsia plate, video, Bond magazines, £50. Tel: 0843 847503 (Birchington).

KNITMASTER SR155 plus intarsia carriage AG30, punchcards, KR7 graphic pattern system, patterns, tools, etc., £195 ono. Used twice. Also Bond, £40. Tel: 081-317 7162 (Woolwich).

BROTHER convertible KX395 knitting machine, nearly new, £90; Bond Elite knitting machine, nearly new, £85. Need the extra room. Tel: 0524 751214 (Lancaster).

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TOYOTA KS787, ribber, lace carriage, stand, instruction manual,used once, ideal for beginner, £85 ono. Tel: 0494 524752 (High Wycombe).

KNITMASTER Knit Radar KR7, £35. Tel: 0621 858652 (Maldon, Essex).

FOR SALE

KNITMASTER 580 electronic, mylar sheets, slips, tucks, Fair Isle, good condition, upgrading to new model, £325 ono. Tel: 0728 688036 (Woodbridge, Suffolk).

SINGER Harmonie 400 electronic sewing machine, auto button holes, embroidery, all accessories, complete, still boxed, little used. Reason for sale, going computerised, £180. Tel: 0225 866726 (Bradford-on-Avon) evenings/weekends.

BROTHER KH891, very good condition, little used, £180 ono, or swap chunky machine. Tel: 0697 351723 (Wigton).

BROTHER KH881 punchcard machine, Knitleader, lace carriage, punch and cards, books, £150 ono. Tel: 031-447 4171 (Edinburgh).

SINGER Magic Press 7, steam or dry ironing press, good as new, £150 ono. Tel: 081-657 8132 (South Croydon).

TOYOTA KS858 knitting machine, punchcards, table and instruction books, £130 for quick sale. Tel: 0923 226595 (Watford).

TOYOTA 787 with Knit Tracer, lace carriage, instruction book and punchcards, £70, suit beginner. Tel: 081-642 1493 (Sutton).

PASSAP 201, £10; Passap Duo 5 (pink), £50; Singer chunky, £50. All in working order. Tel: 0452 311155 (Gloucester).

PASSAP E6000, video, table with wheels, U100 transfer carriage, excellent condition, £900. Tel: 091-237 2984 (Newcastle).

KNITMASTER 326 machine, radar, manuals, patterns, tape, punchcards, table, wool winder, wool, £130. Tel: 0773 606662 (Alfreton).

FOR SALE

KNITMASTER 700. Keyto cabinet, light, lace carriage, 4-way arm, punch tool, cards, wool winder, swivel chair, many extras, £250. Tel: 0753 869281 (Windsor).

TOYOTA basic knitting machine, £60; also ribber, £70. Tel: 0434 606441 (Hexham).

TOYOTA 858 knitting machine, extra punchcards, includes lace carriage. Recently overhauled, moved, space needed, bargain, £100. Tel: 0273 452299 (Shoreham-by-Sea).

BROTHER KH260 chunky with ribber KR260, table, manuals, punchcards, intarsia, Knitleader, vgc, £450. Tel: 0255 240830 (Harwich).

BROTHER KH891 including Knitleader and lace carriage, little used, KR850 ribber, table, punch, £300; Hague linker, £100. Tel: 0233 624576 (Ashford, Kent).

BROTHER 836 knitting machine with lace carriage, punchcards and punch, vgc, £200 ono. Tel: 0634 812962 (Rochester).

KNITMASTER 700K, built-in radar, intarsia, LC2 lace carriage, punchcards, manuals, table, punch, excellent condition, £200. Tel: 0744 811785 (St Helens).

TOYOTA KS901 knitting machine, ribber, table, lace carriage, intarsia carriage, Knit Tracer, instructions, lots of punchcards, £350. Tel: 0795 521915 (Sittingbourne).

KEYTO cabinet, very good condition, genuine reason for sale, £110 ono. Tel: 0977 797387 (Pontefract).

TOYOTA KS901 with lace carriage, Knit Tracer (unused), punchcards, stand, manuals, excellent condition, £150 ono. Tel: 0332 675484 (Derby).

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BROTHER disk drive, not used, £160; Calcuknit, hardly used, £49; Brother 950i with manuals, lace carriage, patterns, excellent condition, £495. Tel: 091-259 1411 (North Shields).

TOYOTA 747 12 stitch, punchcard, lace carriage, £100; Knit Tracer still in box, not used, £50. Tel: 0255 676342 (Clacton-on-Sea).

KNITMASTER SK500 electronic, ribber, powerknit, colour changer, intarsia carriage, rib transfer, linker carriage, tilt table, hole punch, wool winder, £600, or will separate. Tel: 0703 893844 (Southampton).

KNITMASTER electronic 560 machine, plus lace carriage, instruction books, magazines, etc. Perfect working order, does 60 st patterns. Tel: 0274 271659 (Bradford).

KNITMASTER 260 standard gauge punchcard machine, Knit Radar, punchcards, tools, instruction manuals, plus table, £150. Tel: 0708 348200 (Romford, Essex).

KNITMASTER 326 with Knit Radar, ribber, SRP50, colour changer YC6, intarsia carriage, table, wool winder, hole punch, punchcards, manuals, patterns, wool, £280. Tel: 0923 677354 (Watford).

TOYOTA 901 with ribber, Knit Tracer, lace carriage, plating unit, used once only, £250 ono. Tel: 0702 547065 (Rochford).

BROTHER K881 with ribber, excellent condition, complete with instruction books, assorted pattern books and equipment. Tel: 0280 850259 (Brackley).

KNITMASTER 360, completely overhauled, lace and intarsia carriages, built-in Knit Radar, books, extra punchcards, £145 ono. Tel: 0304 369528 (Deal).

BROTHER KH230 and K230 ribber, plus table, vgc, £200. Tel: 021-743 6381 (Birmingham).

BROTHER 950i machine, ribber, Horn cabinet, colour changers, Knitleader, transfer carriage, wool winders, many extras, wools, all very good condition, £1,500. Tel: 081-360 9806 (Enfield).

BROTHER KH588 lace carriage, manual, tools, perfect working order, £80 ono. Tel: 0572 265519 (Plymouth).

KNITMASTER 700K automatic punchcard, built-in radar, table and books, £250; YC6 colour changer, still in box, not been used, £90. Tel: 0934 417379 or 0934 622443 (Weston-super-Mare).

KNITMASTER 700K punchcard machine with built-in Knit Radar and intarsia, excellent condition, £240. Tel: 051-722 6150 (Liverpool).

KNITMASTER 500 with ribber and instruction books, £350 ono. Tel: 081-807 7441 (Edmonton).

KNITMASTER Empisal 700, ribber SRP60, lace carriage LC2, colour changer YC6, folding table, excellent condition, £300. Tel: 0792 233966 (Swansea).

KNITMASTER 260K with many accessories including ribber SRP50, Knit Radar KR7, lace carriage, Passap Form computer adapted, magazines, etc. All for £350. Tel: 0255 860324 (Clacton).

YC6 colour changer, £50; Swissknitter, £50; SRP60N ribber, £75; knitting cabinet, £75; Ann Kite videos, £25 each; selection of coned 4-ply wool, £2.50 per cone. Tel: 0634 582613 (Gillingham).

TOYOTA 747 Knit Tracer, K-20 intarsia carriage, KG83 lace carriage, instruction manuals, punchcards, £75 ono. Tel: 0293 513146 (Crawley, Sussex).

TOYOTA KS950 with ribber, intarsia carriage, plating unit, punch, punchcards, table, books, 8-way tension mast, good condition, £325. Tel: 0580 240046 (Cranbrook) after 4 pm.

FOR SALE

POWERKNIT 90 universal motor drive, seen working, good reason for sale, as new, £500. Tel: 0908 606000 (Milton Keynes).

KNITMASTER Zippy De Lux punchcard machine, good condition, £120, or swap for 6.5mm machine. Tel: 0525 377166 (Leighton Buzzard).

10 NEW mylar sheets for Singer 2310 electronic, £15; also 49 new needles, £12; Machine Knitting book by David Holbourne, £5.50. Tel: 0326 572928 (Helston, Cornwall).

BROTHER 230 chunky with ribber and stand, excellent condition, £275. Tel: 0582 581461 (Luton).

BROTHER KH900 electronic, 18 months old, as new, £395. Tel: 0344 778363 (Sandhurst).

KNITMASTER Zippy De Lux punchcard machine with ribber, excellent condition, single motif, extra patterns, books, free tuition depending on distance, £275. Tel: 0909 730263 (Worksop, Notts).

PASSAP 80, 4-colour changer, Deco U80, punch, extra cards, patterns, many more extras, £325. Tel: 0865 721287 (Oxford).

KNITMASTER 700K, built-in Knit Radar, punchcards, manuals, excellent condition, £160. Tel: 081-529 8050 (East London).

BROTHER 881, ribber, tilt table, colour changer, linker, lace carriage, intarsia carriage, transfer carriage, light, yarn break, punchcards, wool, De-Knit, books, lots more, £525. Tel: 081-224 0999 (Molesey, Surrey).

KNITMASTER Chunky 150 with ribber and table, plus extras, £250 ono. Tel: 0535 609098 (Keighley).

SILVER REED SK830, as new, wrong gauge bought in error, £550. Tel: 0784 440037 (Staines, Middx).

KNITMASTER 326, built-in radar, punchcards, linker and intarsia carriage, £120 ono. Tel: 0268 550518 (Basildon).

WANTED

BROTHER garter carriage KG89II for Brother 891, also ratchet pop punch. Must be complete and in excellent condition. Tel: 0639 843557 (Swansea).

SINGER 9000 electronic knitting machine or Passap 6000E electronic knitting machine. Tel: 0382 462575 (Dundee).

MACHINE Knitting News Baby Book One or Eight. Will pay for same plus postage. Tel: 0524 751214 (Lancaster).

YC6 colour changer wanted. Tel: 0405 813813 (Moorends, Doncaster).

GARTER carriage for Brother KH836 wanted. Tel: 0298 25729 (Buxton).

HAGUE linker, vgc, must be local within 25 miles or will pay for delivery. Pensioner. Please tel: 0902 670710 (Dudley).

RIBBER for Knitmaster 370 (fine gauge) machine (S/FRP70). Tel: 0283 820705 (Staffs/Derbys).

A–Z of Machine Knitting by Sandra Williams wanted. Tel: 0443 473500 (Mid Glamorgan).

CREATING Fabrics – Lewis; Skirts – Mary Weaver; Ribber Techniques – Brother; Fashion Knit – Faust. Tel: 0582 38340 (Luton).

KNITTING machine with ribber wanted, swap for Toshiba laptop computer, software included, Windows, Dos, Wordstar, all original boxed program disks. Tel: 0724 720447 (Scunthorpe).

ABBREVIATIONS

alt = alternate(ly)
beg = beginning
ch = chain
cm = centimetres
cont = continue(ing)
dc = double crochet
dec = decrease(ing)
foll = following
g = grams
HP = holding position
in = inch(es)
inc = increase(ing)
K = knit
mm = millimetres
MT = main tension
MT−1, MT−2, MT−3 = one, two, three full sizes tighter than main tension
MT+1, MT+2, MT+3 = one, two, three full sizes looser than main tension
MY = main yarn
N(s) = needle(s)
NWP = non working position
P = purl
patt = pattern
RC = row counter
rem = remain(ing)
rep = repeat
ss = stitch size
st(s) = stitch(es)
st st = stocking stitch
tog = together
UWP = upper working position
WP = working position
WY = waste yarn

YARNS

Yarns used for our patterns are matched to this guide for thickness. If you want to use a different yarn and, especially for readers overseas who may not be able to buy the originals, choose a yarn of the same thickness. If you do use a different yarn here are a few tips.

Firstly, your garment is likely to be more successful if you use a very similar yarn so look for slubbed cotton for slubbed cotton, acrylic for acrylic, wool for wool and so on. A change of fibre is perfectly possible but requires even more care in checking tension, quantity and, above all, suitability in the resulting 'feel' and 'hang' of the knitted fabric.

To compare yarns, hold the proposed substitute over the guide and stretch it out until it is just taut, not pulled tightly. A good match should fit the guide lines closely.

Now that you have a suitable yarn, how much do you buy? Whenever possible buy the yarn by length rather than weight as different fibres and treatments can vary the weight of yarns a great deal. A 500 gram cone of airy acrylic would have many more metres or yards of yarn on it than a 500 gram cone of much denser cotton.

After matching the tension, the garments in the original and substitute yarns would have much the same number of stitches knitted throughout and therefore need much the same yarn length. When you cannot discover the length on the cone it is best to err on the generous side whilst using your previous experience to decide how many cones you would expect the garment to take.

It is possible to work out the length required for a garment by measuring the length used for a tension square and calculating the total area of the garment from the diagram but I think you would need to be addicted to mathematics to find this worthwhile.

Having bought your yarn, experiment until you have matched the original tension. To achieve the best 'handle' it may be necessary to vary the number of stitches or rows a little. This is no problem if you are using a charting device but will require extra calculation if you want to follow the written pattern where the numbers stated for rows and stitches will not now apply.

If all this sounds like too much trouble, take care. You could be lucky and knit a perfect garment in the first yarn that comes to hand but you could also be badly disappointed. Time is precious to all of us so it is worth 'wasting' a little to avoid wasting a lot. You will be rewarded by a successful result.

MOCK RIB

Used for welts, cuffs, neckbands and other edges on single bed machines without a ribber.

Push the number of main bed needles given in pattern to working position. Push every alternate needle back to non-working position for a 1×1 rib or every third needle back to non-working position for a 2×1 rib. It may be necessary to reduce this number by one needle at one or both edges to keep rib even. (Increase the stitches after the mock rib has been worked to give the same number as the pattern.)

Using main tension and waste yarn, cast on and knit a few rows ending with carriage at left. Set row counter at 000. Using at least two full sizes tighter than main tension, knit the number of rows given in pattern for rib. Using three full sizes looser than this tension, knit one row. (This loose row gives a neat fold line.) Return to two full sizes tighter than main tension and knit the same number of rows as before. Push empty needles from non-working to working position and make a hem by placing loops of first row worked in main yarn evenly along the row. Make sure that each empty needle holds a loop to prevent a row of holes across the work.

Unravel waste yarn after work has been removed from machine. After garment has been blocked to size, insert a metal welt bar or thin, clean piece of wood through the hem and pull firmly downwards to draw stitches of mock rib closer together. Set the stitches by steaming lightly on wrong side, if pressing instructions permit.

QUICK CAST-ON

This method can be used for both speed and when edges are either hidden or to be gathered by pulling up yarn end.

Carriage at right. Push alt Ns to WP. Use tension dial setting and either MY or WY as given in pattern. K1 row. Hook on cast-on comb. Push rem alt Ns into WP. K1 row. Carriage back at right. Cont as given in pattern instructions.

When knitting is removed from machine, pull yarn end at cast-on edge to gather up sts or, for a straight edge, pull yarn end to remove any slack and fasten off. See pattern for which is required. Your manual will describe this method of casting on although it may be called by a different name and may not use a cast-on comb.

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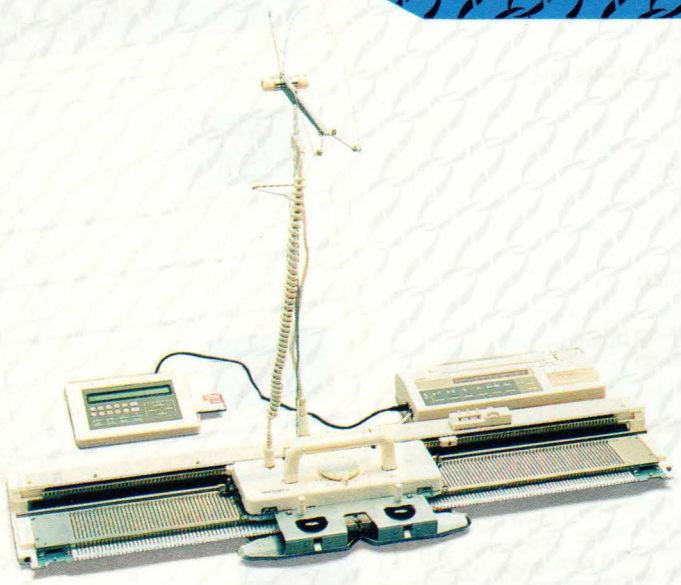
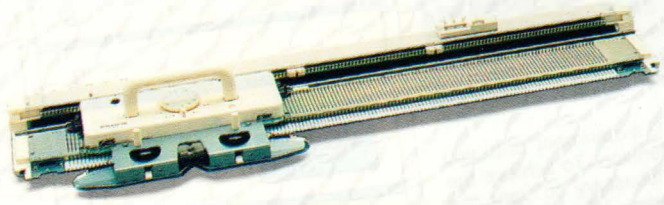
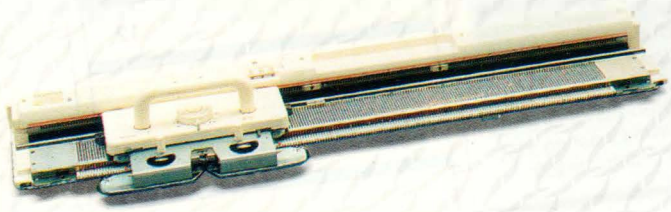


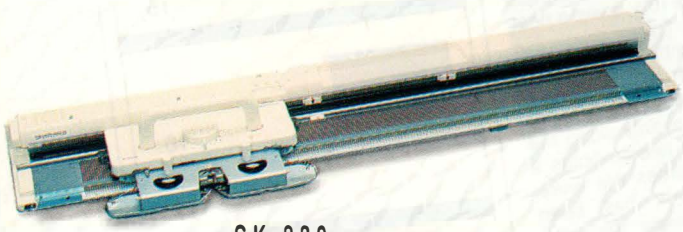
SK 890 *Chunky gauge*
Knits Mohair, Aran, Chunky



SK 860 *Double Knitting gauge*
Knits 4 ply, DK, Aran, Mohair



SK 840 *Standard gauge*
Knits 2 ply, 3 ply, 4 ply



SK 830 *Fine gauge*
Knits 1 ply, 2 ply, 3 ply

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